

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100362.D
 Acq On : 10 Nov 2017 1:05
 Operator : SJ/JU
 Sample : I6388-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-3MSD

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:29 PM

Quant Time: Nov 10 03:51:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	197604	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	779607	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	337735	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	552850	20.00	ng	0.00
75) Chrysene-d12	14.07	240	370613	20.00	ng	0.00
86) Perylene-d12	15.55	264	390181	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1184387	96.08	ng	0.02
7) Phenol-d6	6.53	99	1476450	97.13	ng	0.01
23) Nitrobenzene-d5	7.47	82	923931	78.35	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	314602	91.41	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1460256	65.84	ng	0.00
78) Terphenyl-d14	13.01	244	1018053	63.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	174988	29.128	ng	94
3) Pyridine	3.55	79	470669	28.717	ng	93
4) n-Nitrosodimethylamine	3.49	42	272609	34.258	ng	97
6) Aniline	6.57	93	557309	25.951	ng	99
8) 2-Chlorophenol	6.69	128	469689	36.016	ng	99
9) Benzaldehyde	6.46	77	273379	25.183	ng	98
10) Phenol	6.55	94	601768m	37.710	ng	
11) bis(2-Chloroethyl)ether	6.64	93	469603	35.035	ng	93
12) 1,3-Dichlorobenzene	6.85	146	518999	34.519	ng	99
13) 1,4-Dichlorobenzene	6.92	146	519286	34.124	ng	99
14) 1,2-Dichlorobenzene	7.07	146	486613	34.585	ng	98
15) Benzyl Alcohol	7.05	79	427805	36.060	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	872269	40.688	ng	98
17) 2-Methylphenol	7.15	107	413689	37.121	ng	100
18) Hexachloroethane	7.42	117	176232	35.124	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	337163	31.983	ng	91
20) 3+4-Methylphenols	7.30	107	494020	35.031	ng	# 89
22) Acetophenone	7.32	105	629237	33.099	ng	# 97
24) Nitrobenzene	7.49	77	514769	42.414	ng	97
25) Isophorone	7.73	82	944500	38.116	ng	100
26) 2-Nitrophenol	7.80	139	260189m	45.979	ng	
27) 2,4-Dimethylphenol	7.83	122	454281	40.896	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	599984	37.016	ng	99
29) 2,4-Dichlorophenol	8.04	162	406504	38.333	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	411528	35.876	ng	96
31) Naphthalene	8.21	128	1302254	34.680	ng	100
32) Benzoic acid	7.92	122	121088	20.827	ng	97
33) 4-Chloroaniline	8.25	127	228800	14.638	ng	99
34) Hexachlorobutadiene	8.32	225	235390	34.513	ng	98
35) Caprolactam	8.62	113	126270m	34.697	ng	
36) 4-Chloro-3-methylphenol	8.73	107	418655	36.759	ng	98
37) 2-Methylnaphthalene	8.90	142	865144	34.704	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	391470	34.950	ng	98
40) Hexachlorocyclopentadiene	9.05	237	238004	45.147	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	288317	40.614	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	293521	39.907	nq	96
45) 1,1'-Biphenyl	9.36	154	1008323	34.519	nq	100
46) 2-Chloronaphthalene	9.39	162	788107	37.190	nq	98
47) 2-Nitroaniline	9.48	65	266390	42.860	nq	91
48) Acenaphthylene	9.80	152	1204966	34.311	nq	99
49) Dimethylphthalate	9.66	163	1026532	39.809	nq	100
50) 2,6-Dinitrotoluene	9.72	165	211850	41.504	nq	96
51) Acenaphthene	9.98	154	739209	34.610	nq	100
52) 3-Nitroaniline	9.89	138	170756	28.330	nq	96
53) 2,4-Dinitrophenol	9.99	184	90334	50.439	nq	# 19
54) Dibenzofuran	10.15	168	1043244	34.850	nq	98
55) 4-Nitrophenol	10.05	139	338257	69.114	nq	94
56) 2,4-Dinitrotoluene	10.13	165	274672	42.656	nq	91
57) Fluorene	10.49	166	760472	34.678	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	230248	38.196	nq	88
59) Diethylphthalate	10.36	149	902730	34.983	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	381355	35.449	nq	94
61) 4-Nitroaniline	10.51	138	194747	34.075	nq	90
62) Azobenzene	10.65	77	866058	35.634	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	75798	30.876	nq	94
65) n-Nitrosodiphenylamine	10.60	169	753999	39.224	nq	96
66) 4-Bromophenyl-phenylether	10.97	248	240096	40.512	nq	# 82
67) Hexachlorobenzene	11.03	284	235290	37.960	nq	94
68) Atrazine	11.13	200	236666	40.672	nq	96
69) Pentachlorophenol	11.23	266	258719	58.210	nq	98
70) Phenanthrene	11.46	178	1032387	35.467	nq	99
71) Anthracene	11.50	178	1054256	35.699	nq	100
72) Carbazole	11.66	167	931420	34.182	nq	99
73) Di-n-butylphthalate	11.99	149	1257259	39.427	nq	99
74) Fluoranthene	12.64	202	921963	29.886	nq	98
76) Benzidine	12.76	184	494219	33.298	nq	98
77) Pyrene	12.87	202	922355	34.913	nq	99
79) Butylbenzylphthalate	13.49	149	418595	38.852	nq	92
80) Benzo(a)anthracene	14.06	228	814631	36.501	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	284168	35.537	nq	98
82) Chrysene	14.09	228	779017	36.045	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	580389	40.958	nq	99
84) Di-n-octyl phthalate	14.65	149	1008644	41.434	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	683071	39.075	nq	96
87) Benzo(b)fluoranthene	15.12	252	789815	34.167	nq	98
88) Benzo(k)fluoranthene	15.14	252	761294	34.855	nq	98
89) Benzo(a)pyrene	15.49	252	733809	35.807	nq	99
90) Dibenzo(a,h)anthracene	17.06	278	576374	34.391	nq	97
91) Benzo(g,h,i)perylene	17.50	276	528882	32.237	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

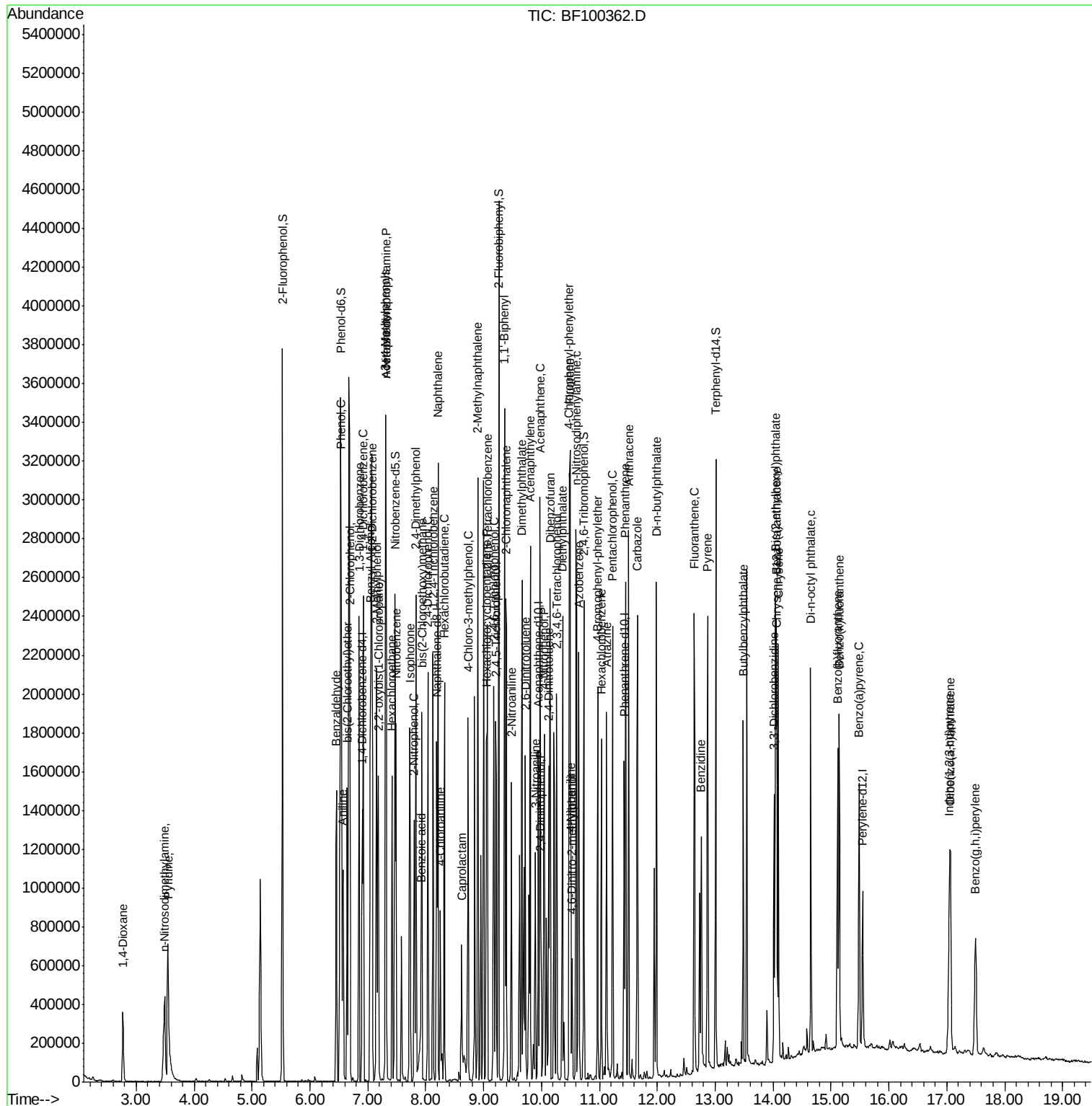
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
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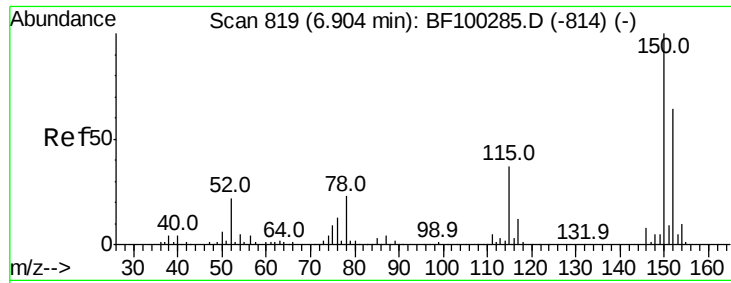
Instrument :
BNA_F
ClientSampleId :
3N-3MSD

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#1

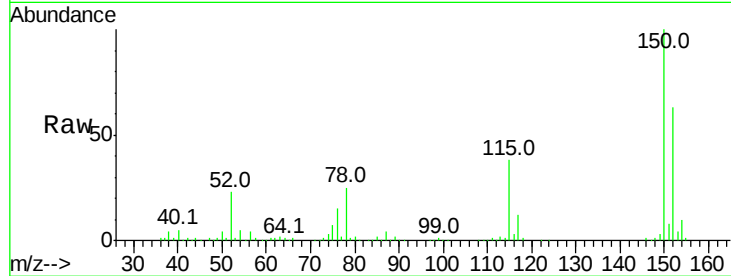
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

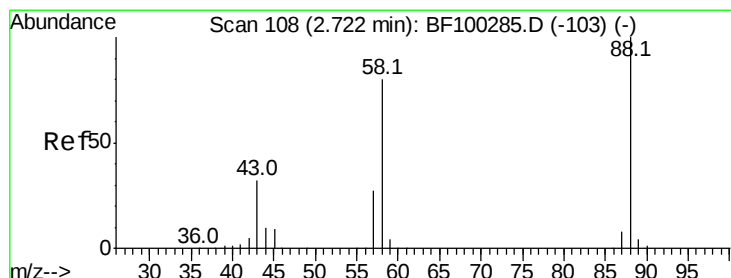
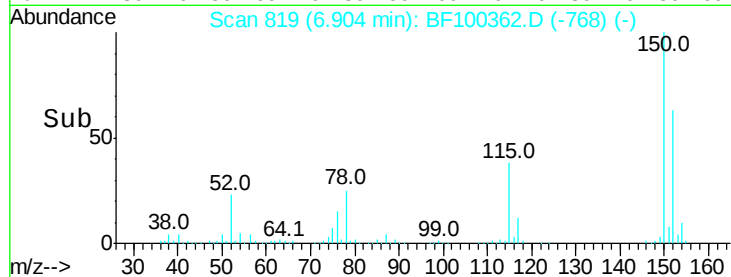
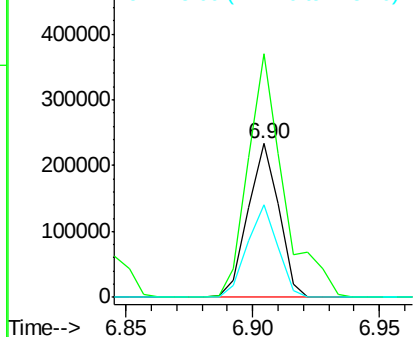
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.4	50.1	75.1

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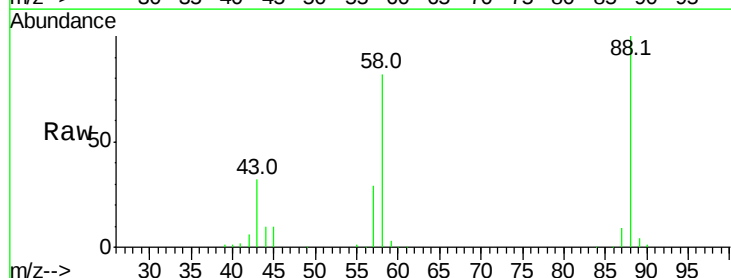
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



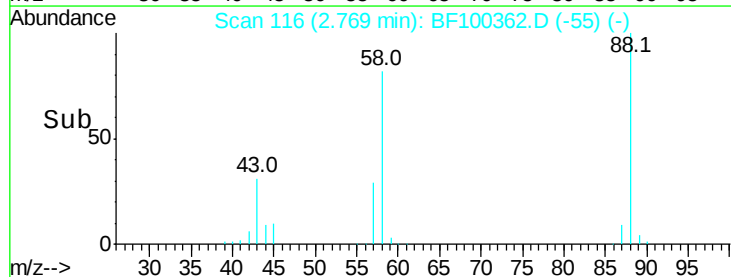
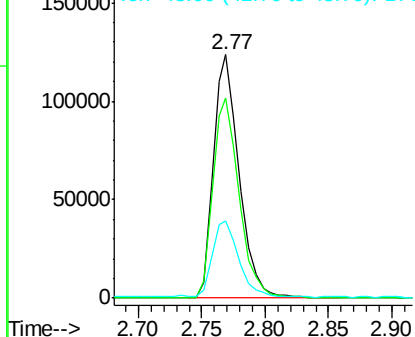
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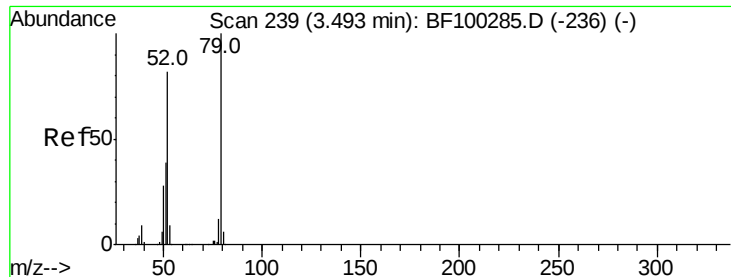
1,4-Dioxane
Concen: 29.128 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.06 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	62.6	93.8
43	32.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.717 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.06 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

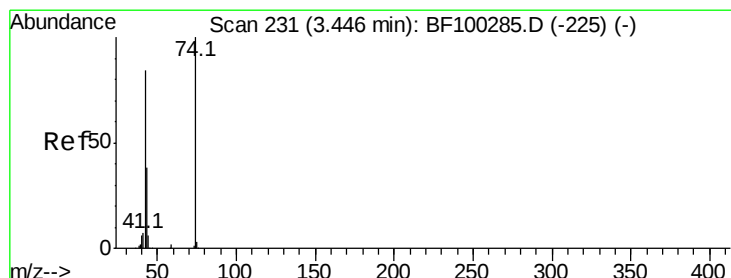
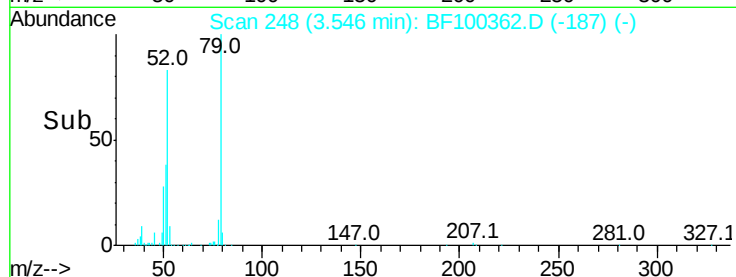
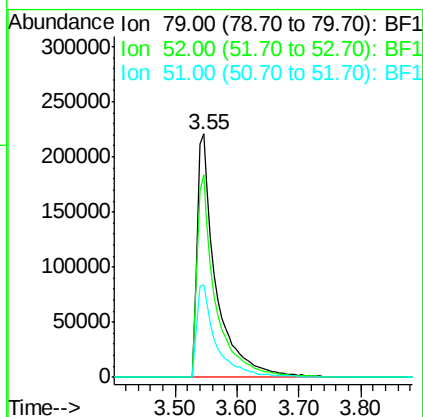
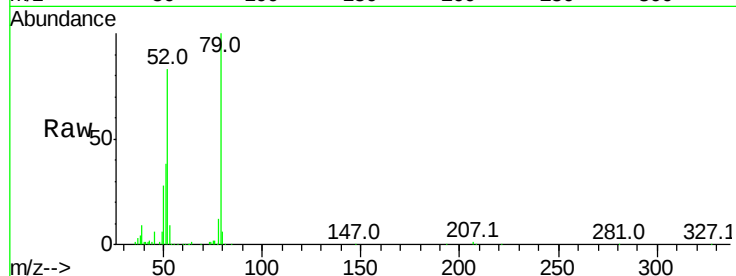
ClientSampled :

3N-3MSD

Tot Ion:	79	Resp:	470669
Ion Ratio	Lower	Upper	
79	100		
52	83.0	59.8	89.6
51	38.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.258 ng

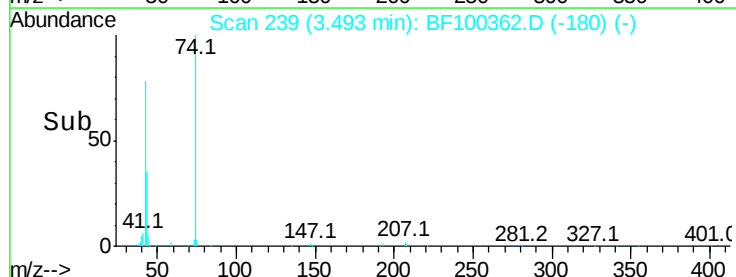
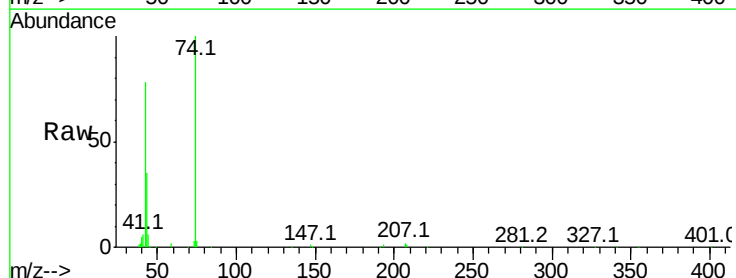
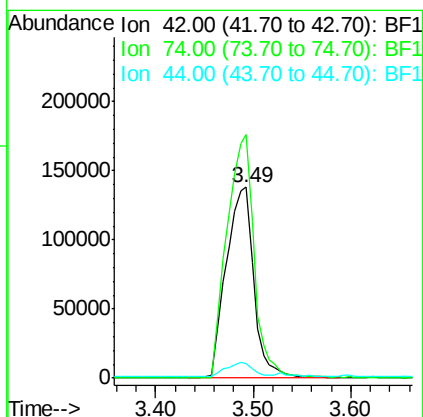
RT: 3.49 min Scan# 239

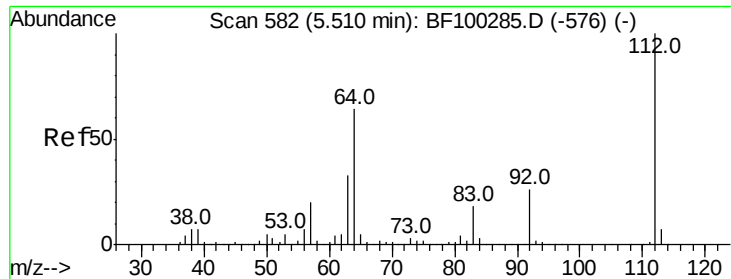
Delta R.T. 0.05 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	42	Resp:	272609
Ion Ratio	Lower	Upper	
42	100		
74	127.7	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 96.079 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

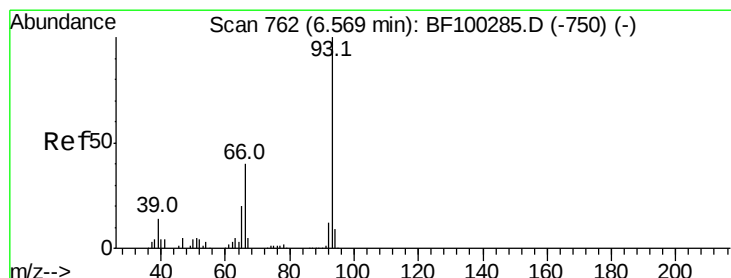
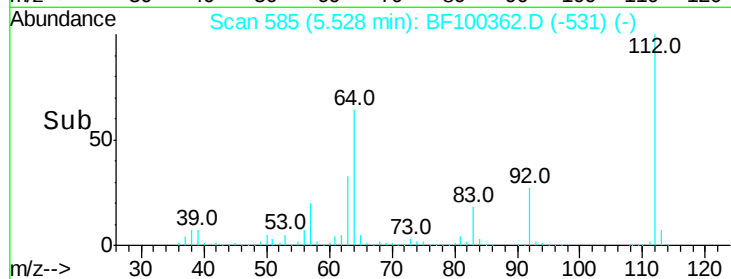
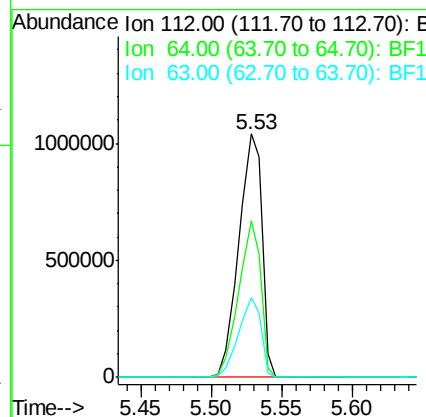
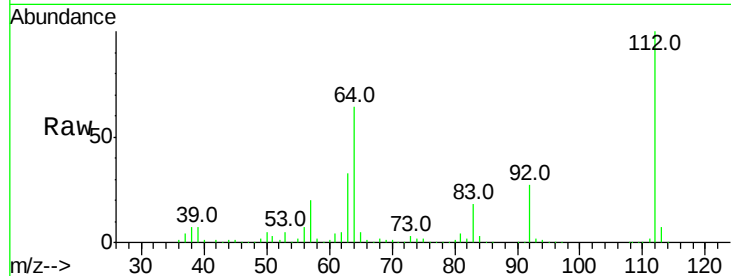
ClientSampleId :

3N-3MSD

Tot Ion:	112	Resp:	1184387
Ion Ratio	Lower	Upper	
112	100		
64	64.1	47.9	71.9
63	32.8	23.7	35.5

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#6

Aniline

Concen: 25.951 ng

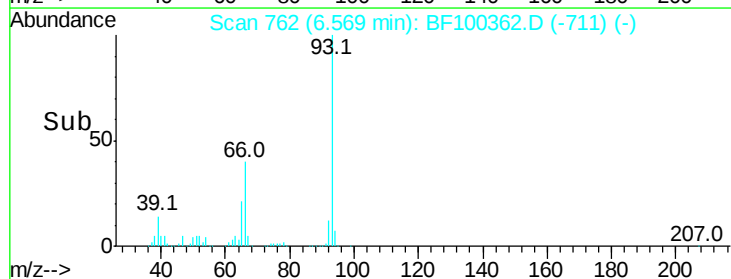
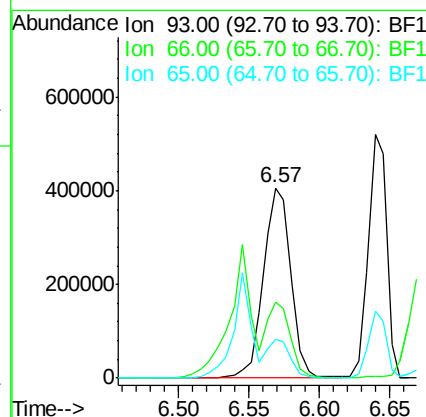
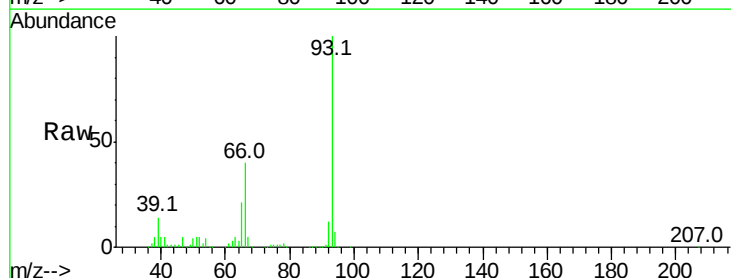
RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	93	Resp:	557309
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.2	48.2
65	20.6	16.4	24.6





#7

Phenol-d6

Concen: 97.128 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampled :

3N-3MSD

Tot Ion: 99 Resp: 1476450

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

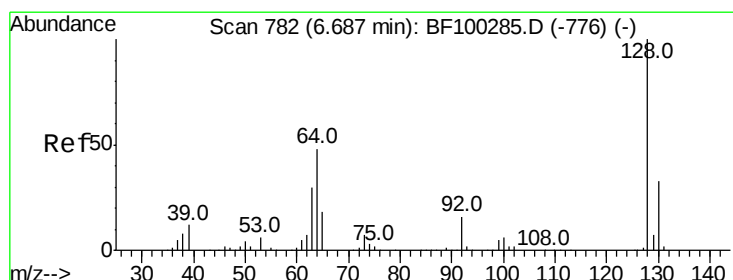
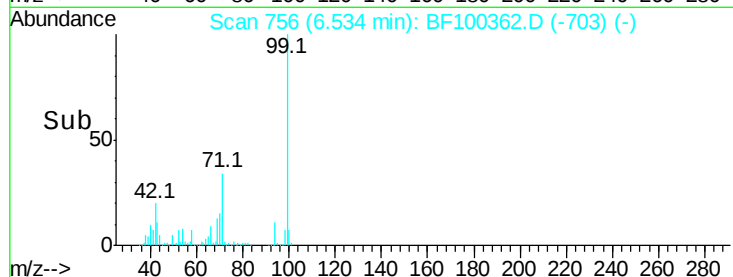
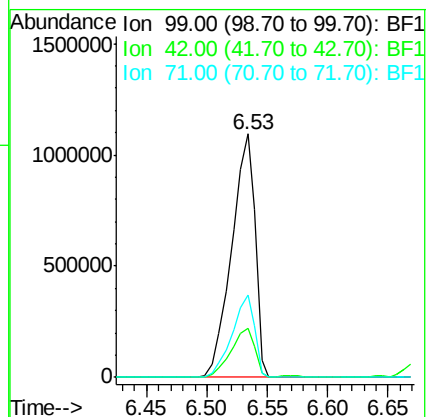
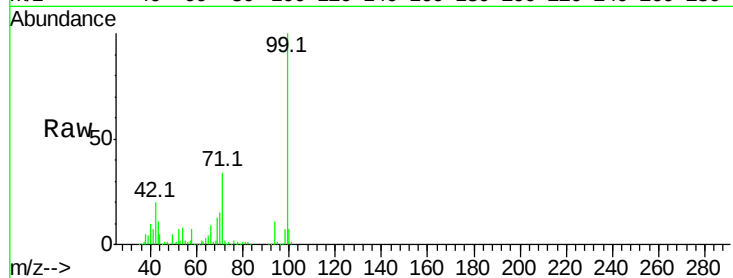
71 34.0 25.4 38.0

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#8

2-Chlorophenol

Concen: 36.016 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

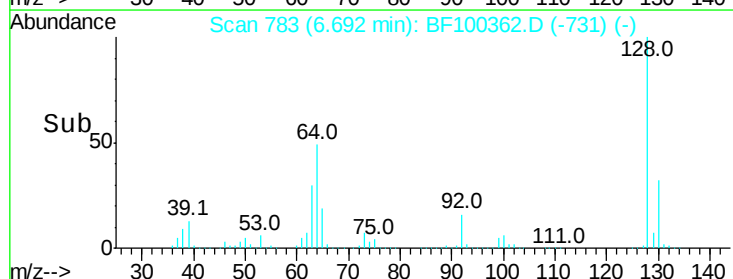
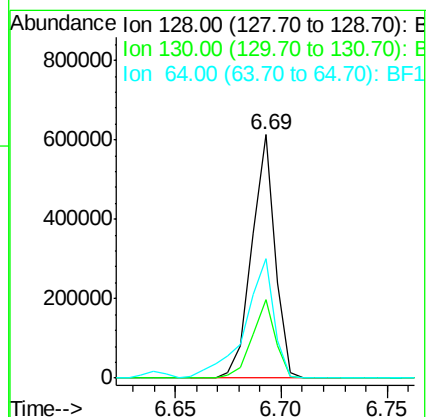
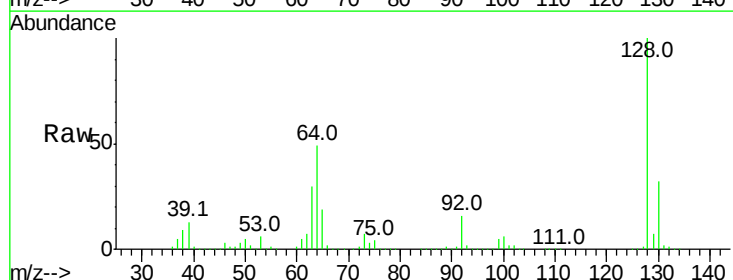
Tgt Ion: 128 Resp: 469689

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 49.0 29.4 69.4





#9

Benzaldehyde

Concen: 25.183 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampled :

3N-3MSD

Tot Ion: 77 Resp: 273379

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

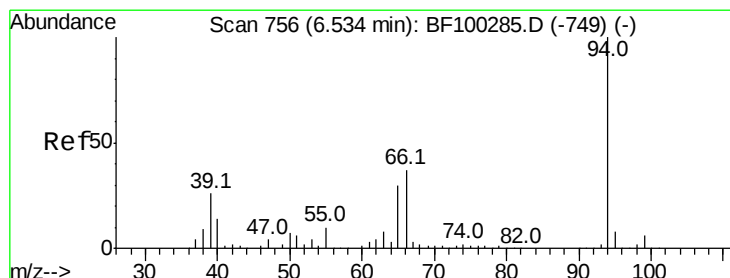
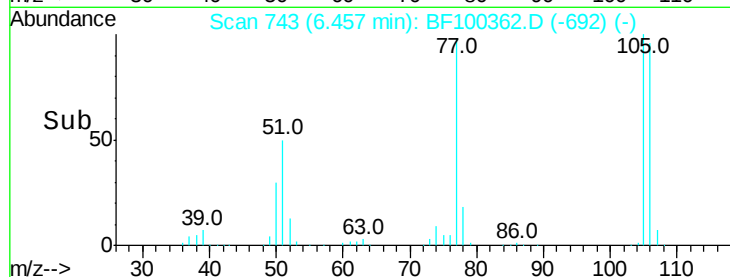
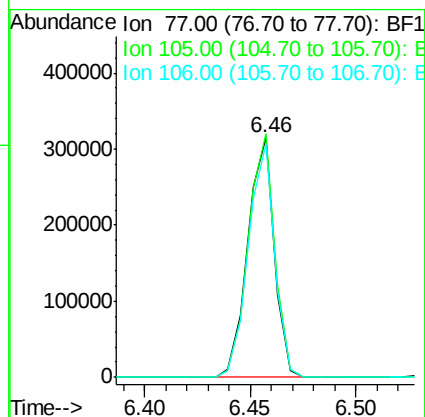
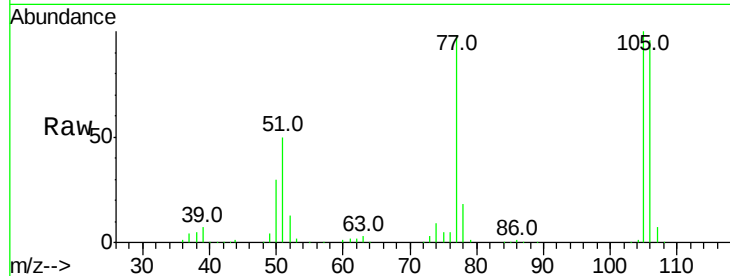
106 97.7 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 37.710 ng m

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

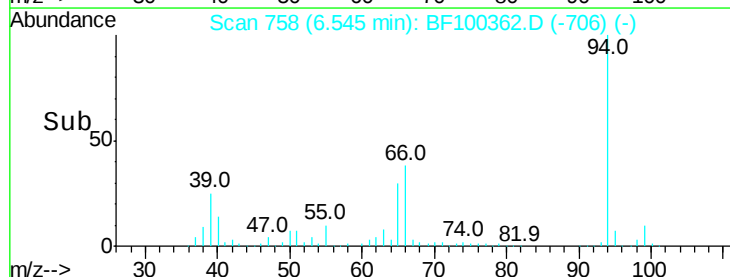
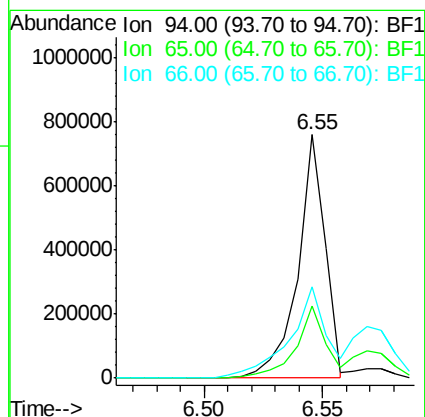
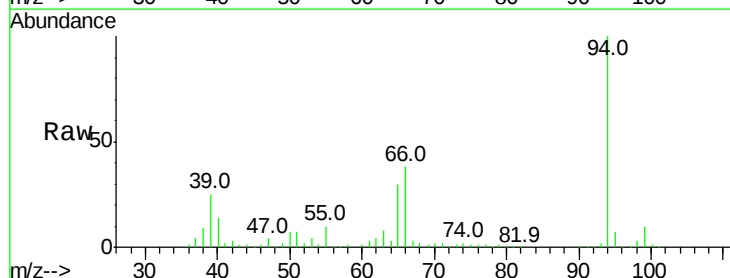
Tgt Ion: 94 Resp: 601768

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

66 37.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.035 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

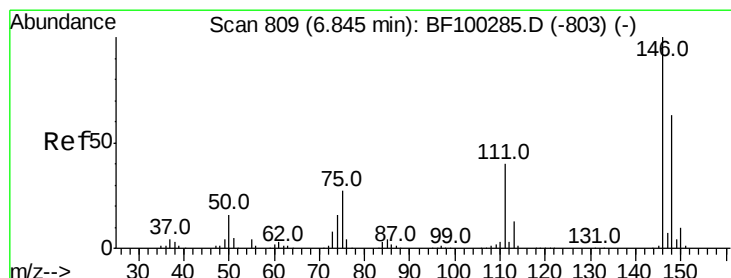
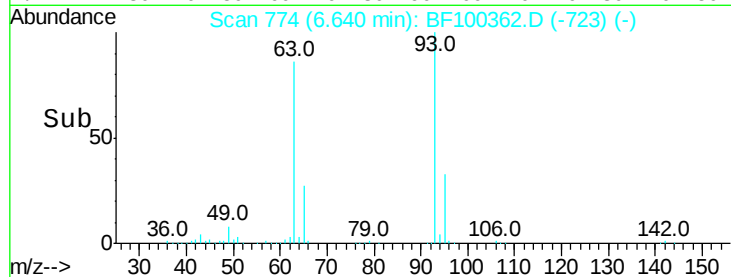
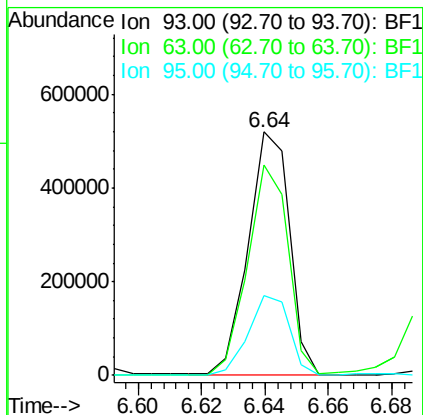
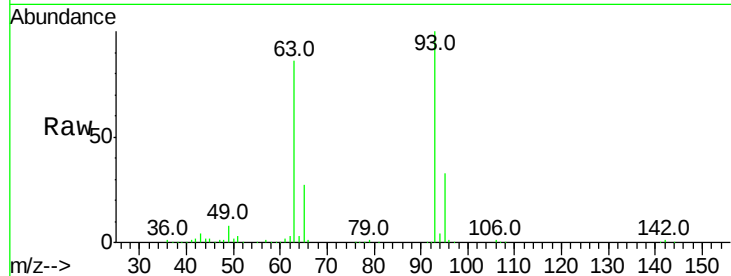
ClientSampleId :

3N-3MSD

Tot Ion:	93	Resp:	469603
Ion Ratio	Lower	Upper	
93	100		
63	86.4	58.6	98.6
95	32.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 34.519 ng

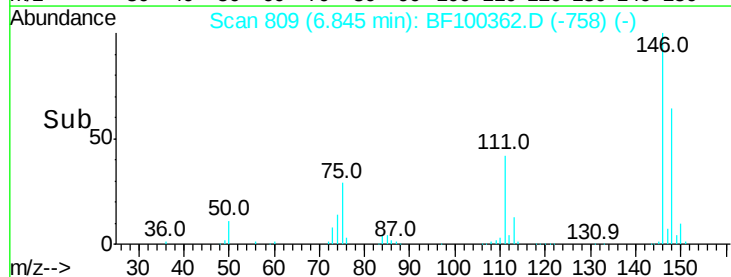
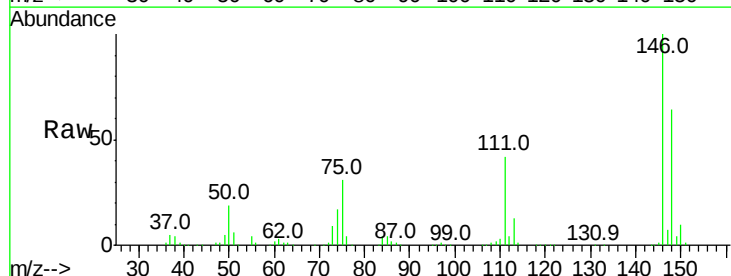
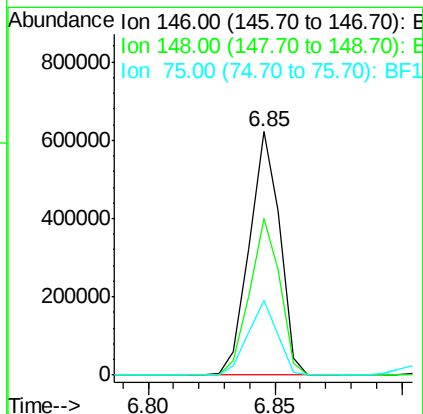
RT: 6.85 min Scan# 809

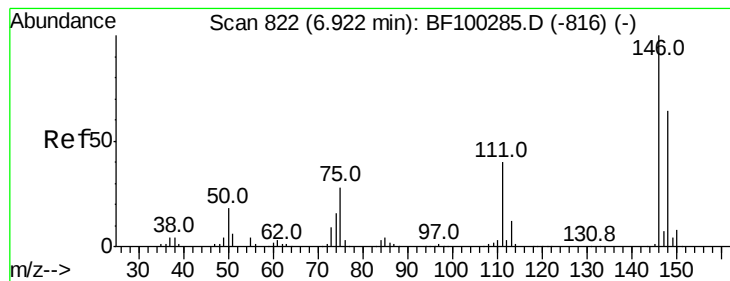
Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	146	Resp:	518999
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	30.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.124 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

3N-3MSD

Tot Ion:146 Resp: 519286

Ion Ratio Lower Upper

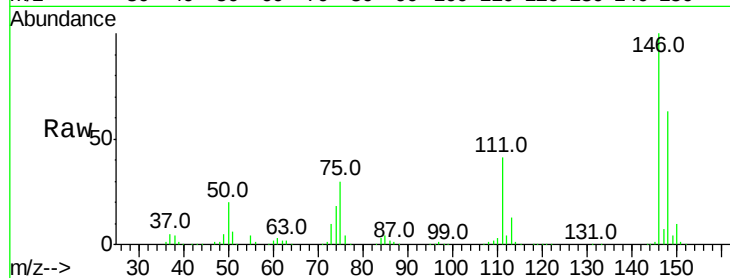
146 100

148 63.2 50.8 76.2

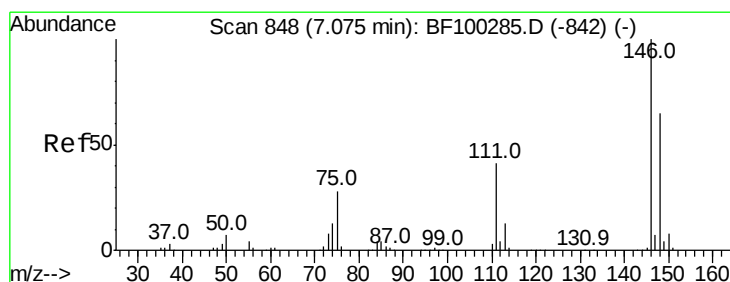
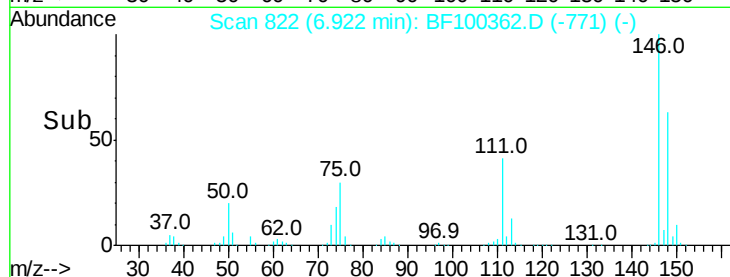
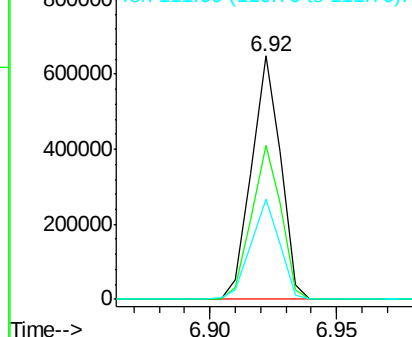
111 41.0 34.2 51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.585 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

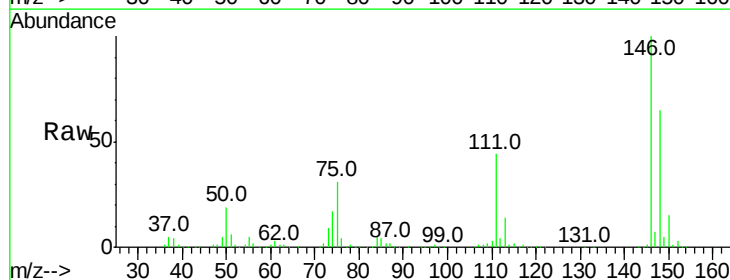
Tgt Ion:146 Resp: 486613

Ion Ratio Lower Upper

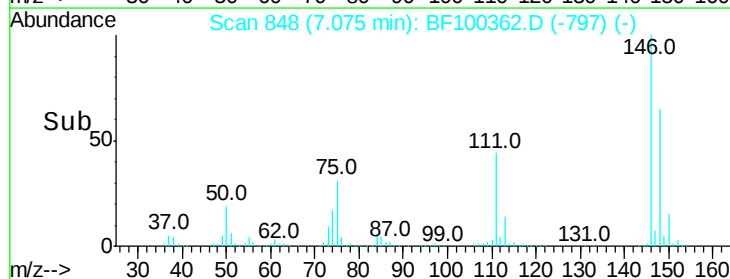
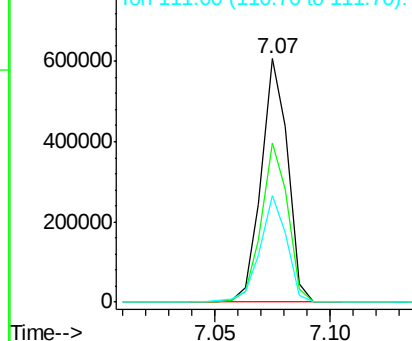
146 100

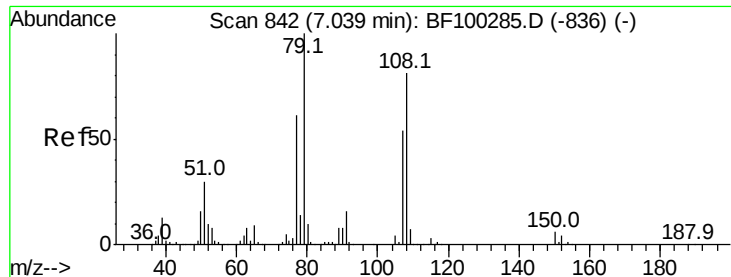
148 65.1 50.6 75.8

111 43.7 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.060 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

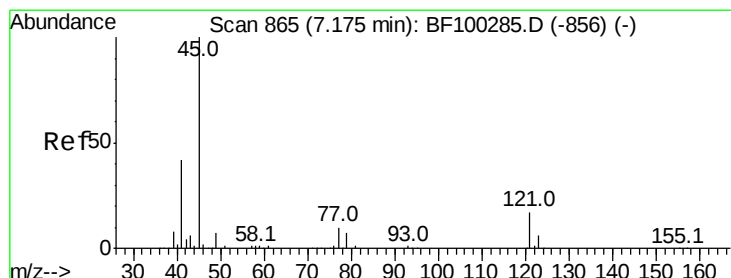
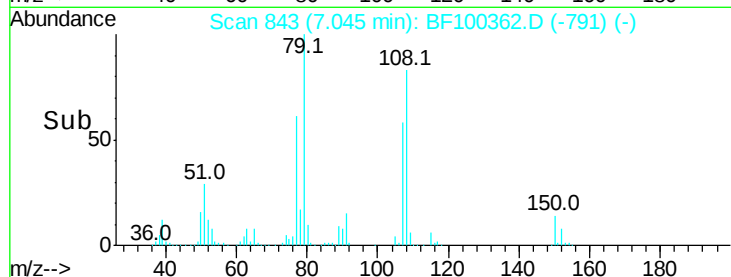
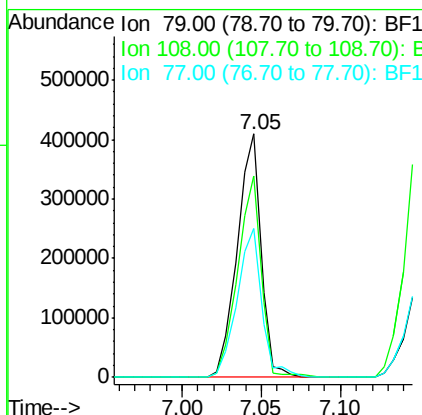
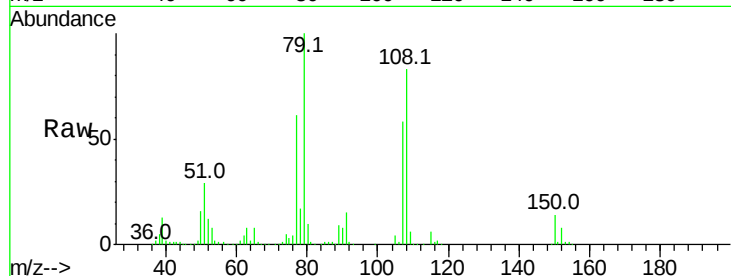
ClientSampleId :

3N-3MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	65.1	97.7
77	61.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.688 ng

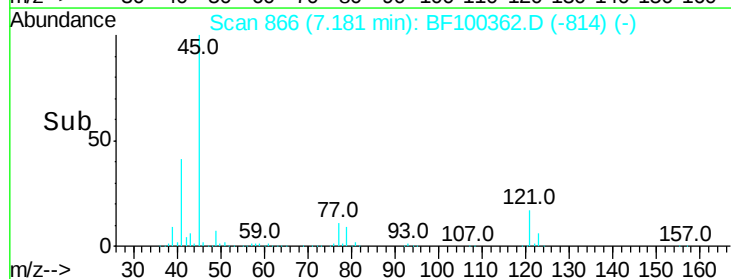
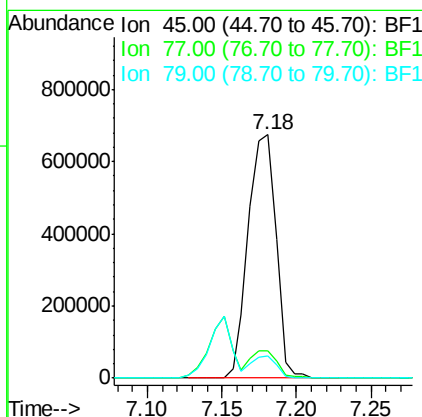
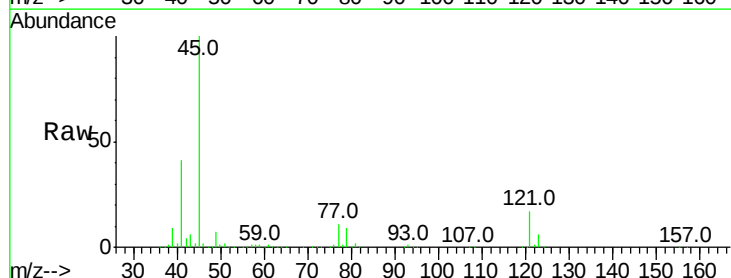
RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	32.9
79	9.3	0.0	29.6





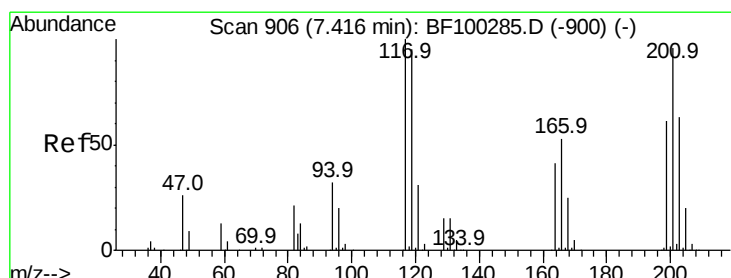
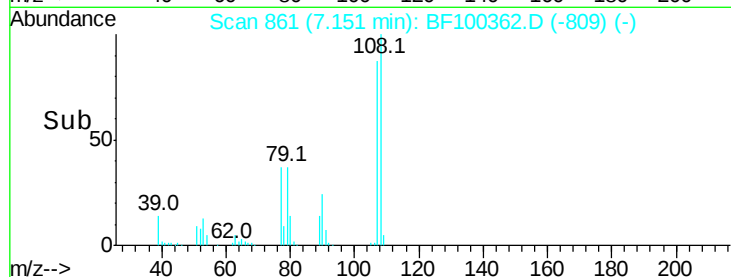
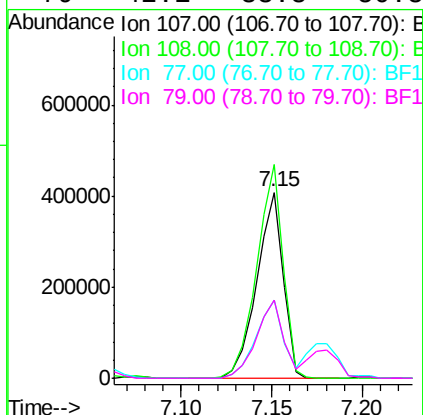
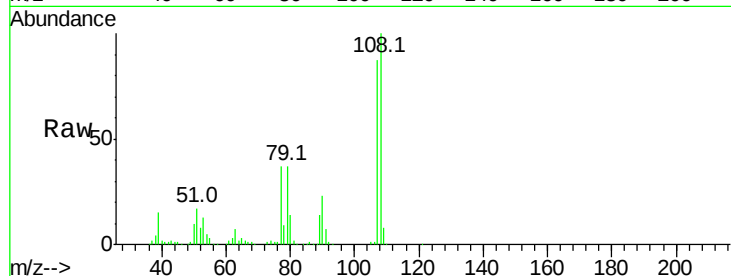
#17
2-Methylphenol
Concen: 37.121 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	91.7	137.5	
77	42.1	33.8	50.8	
79	42.1	33.8	50.8	

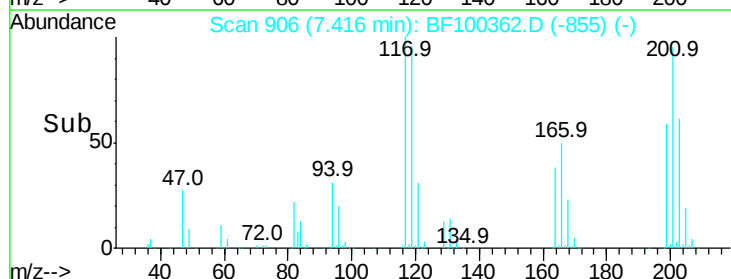
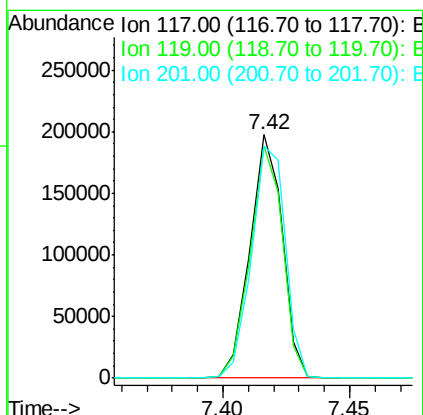
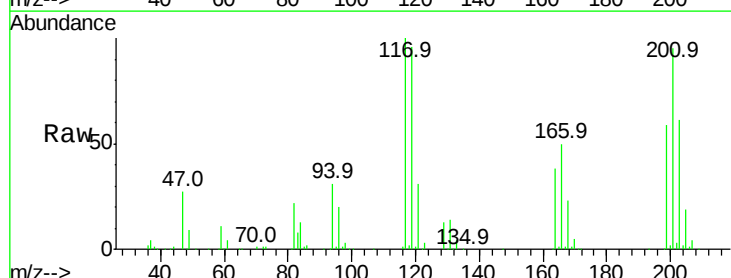
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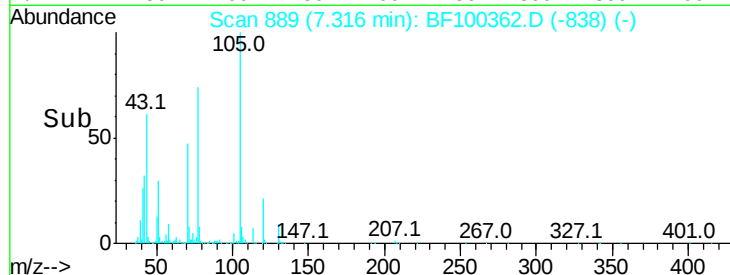
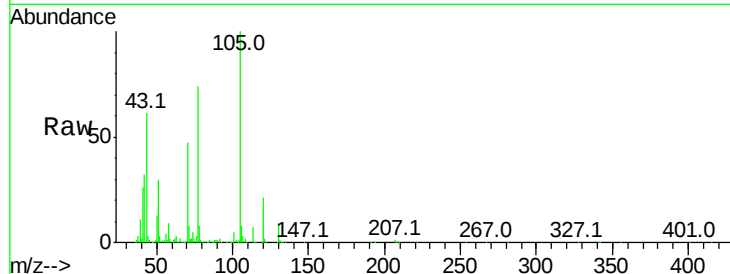
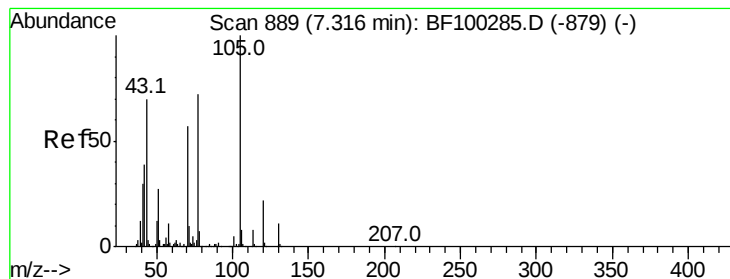
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#18
Hexachloroethane
Concen: 35.124 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.8	113.8	
201	95.4	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 31.983 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

3N-3MSD

Tot Ion: 70 Resp: 337163

Ion Ratio Lower Upper

70 100

42 68.7 47.5 71.3

101 9.7 7.4 11.2

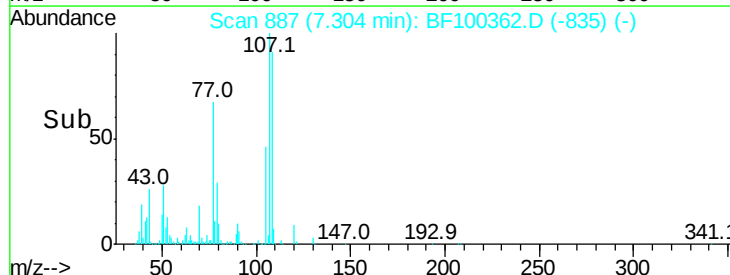
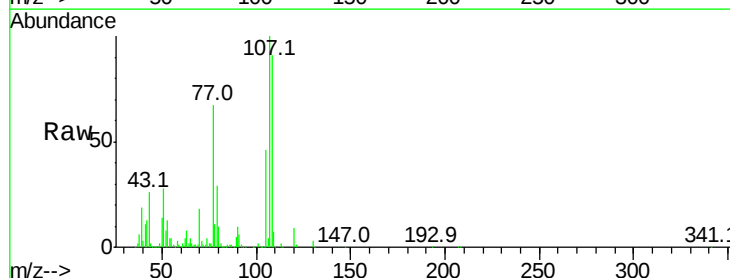
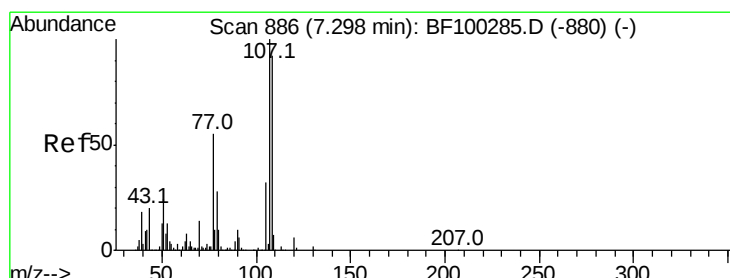
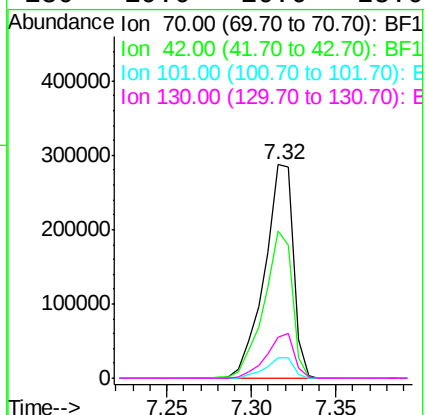
130 19.0 16.6 25.0

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#20

3+4-Methylphenols

Concen: 35.031 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion: 107 Resp: 494020

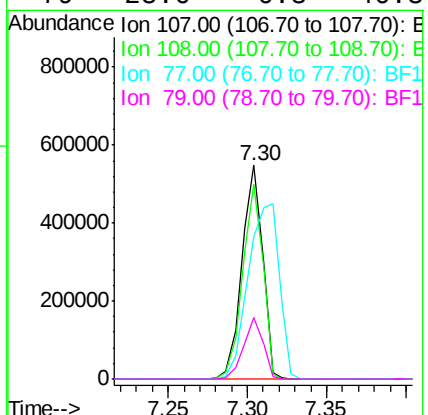
Ion Ratio Lower Upper

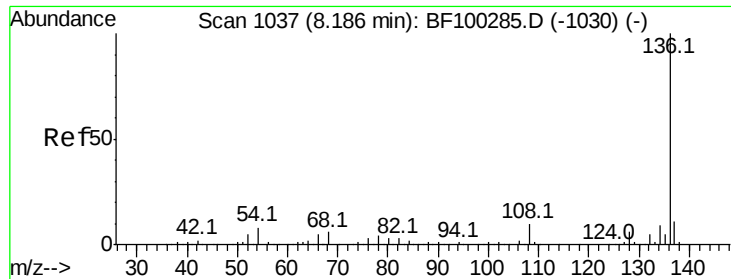
107 100

108 90.9 68.2 108.2

77 66.8 26.7 66.7#

79 28.6 6.3 46.3





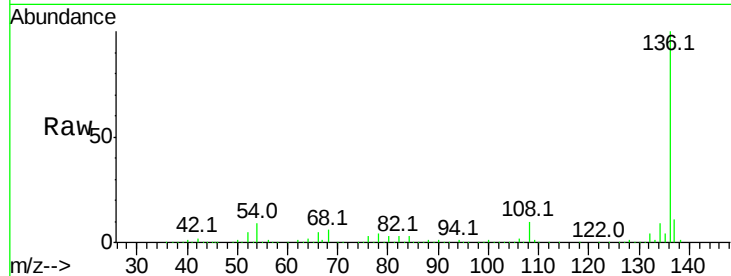
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

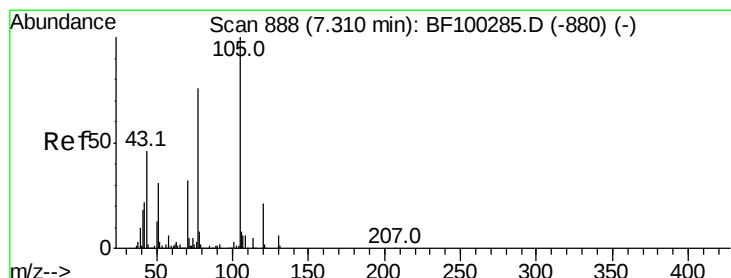
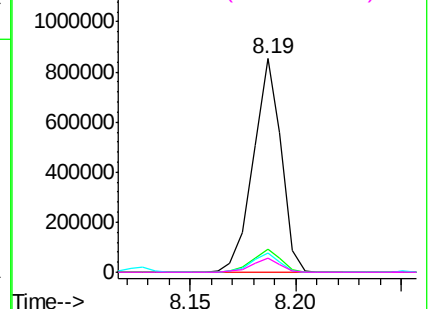
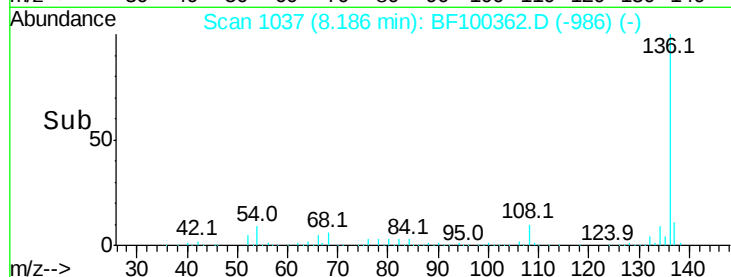
Tot Ion	Ratio	Resp	Lower	Upper
136	100	779607		
137	10.9		8.9	13.3
54	9.0		6.6	9.8
68	6.5		5.0	7.4

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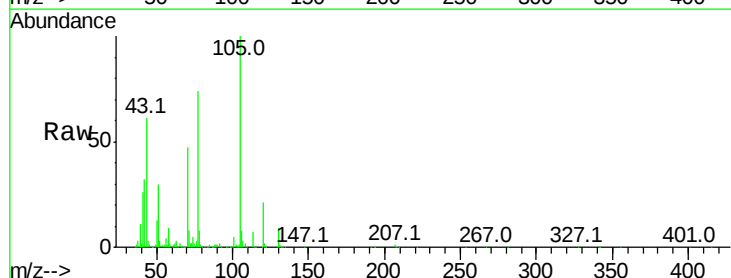


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

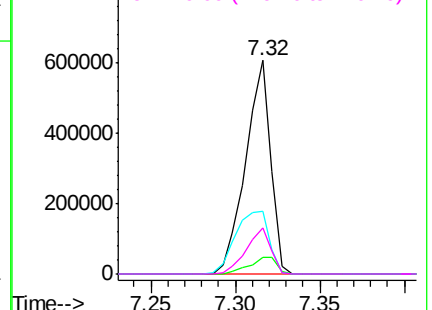
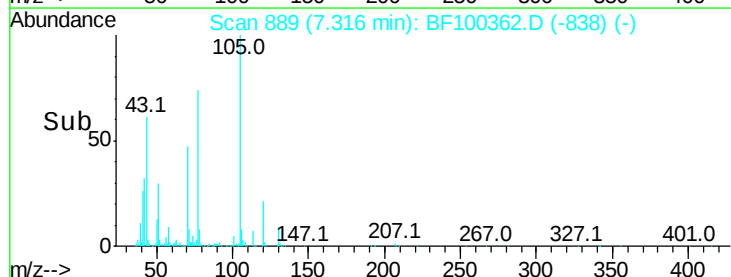


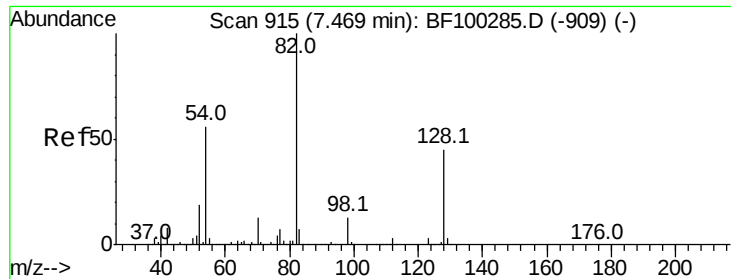
#22
Acetophenone
Concen: 33.099 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	629237		
71	7.9		4.4	6.6#
51	29.6		22.3	33.5
120	21.3		16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





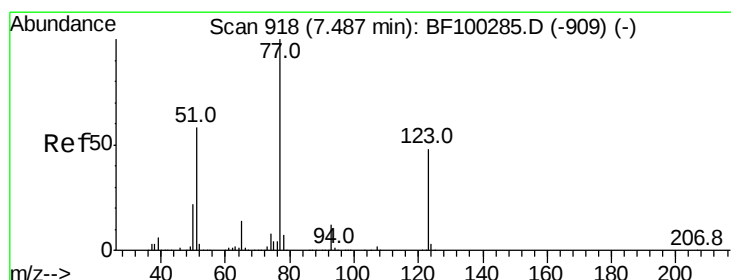
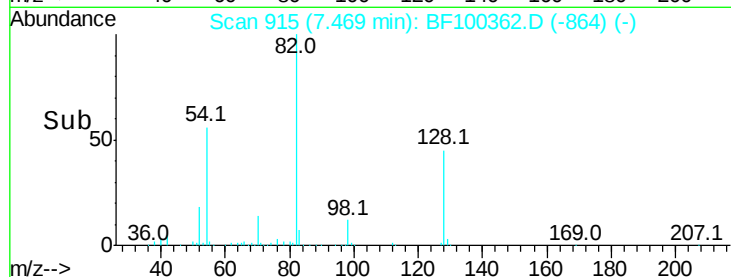
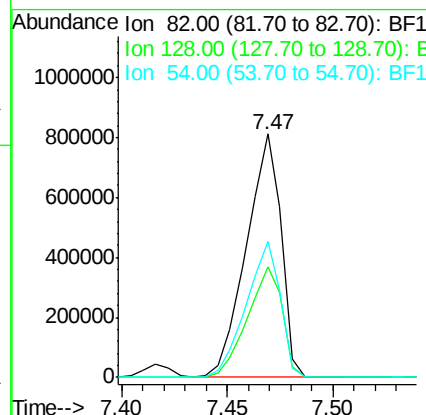
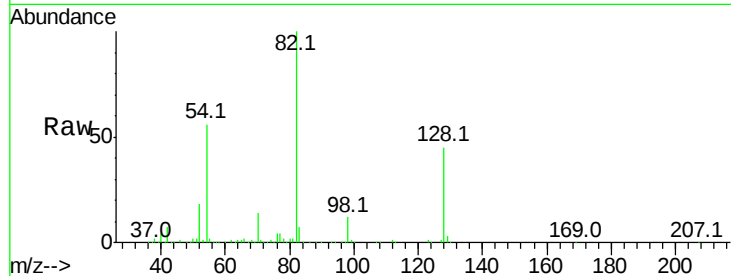
#23
Nitrobenzene-d5
Concen: 78.353 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	36.1	54.1	
54	56.0	41.4	62.2	

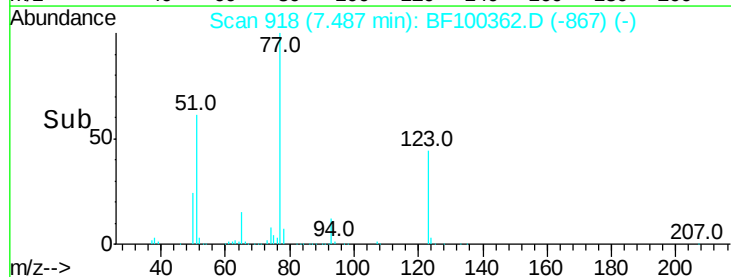
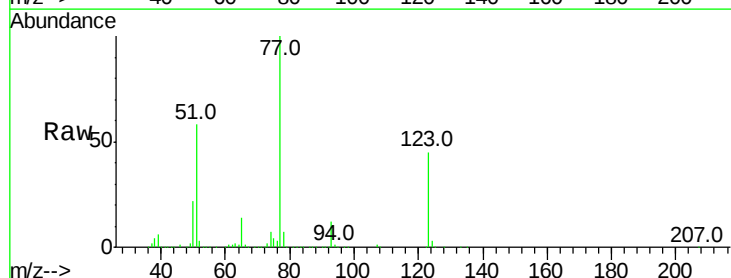
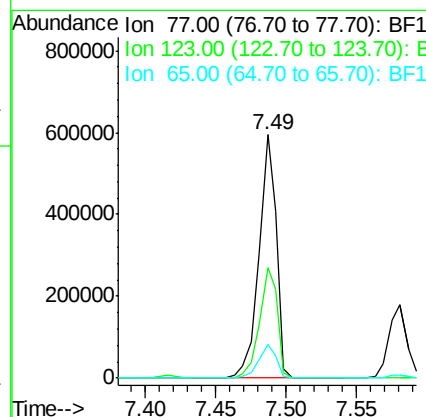
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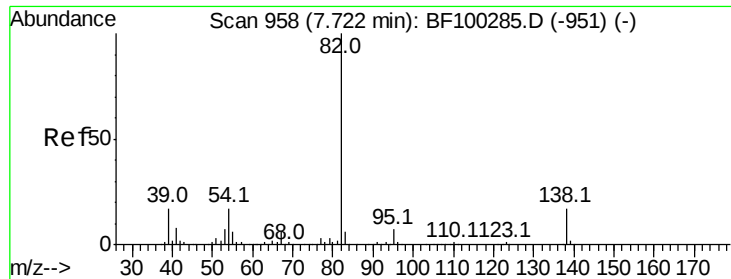
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#24
Nitrobenzene
Concen: 42.414 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.2	37.9	56.9	
65	13.9	11.0	16.4	





#25

Isophorone

Concen: 38.116 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

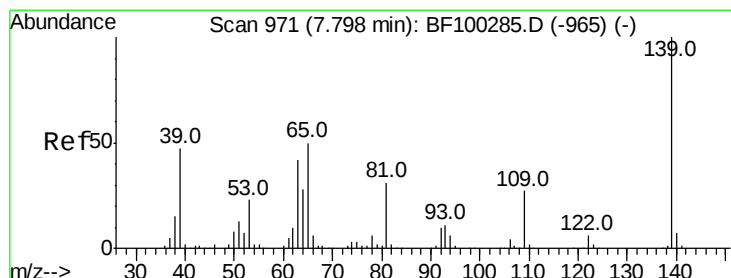
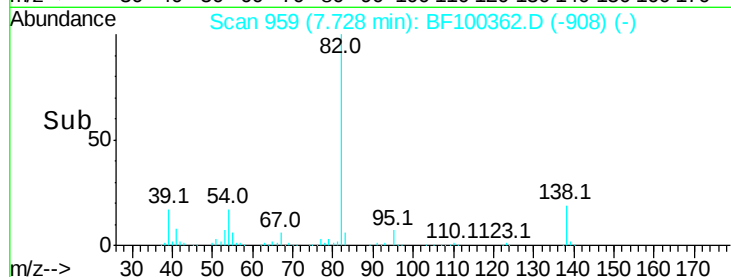
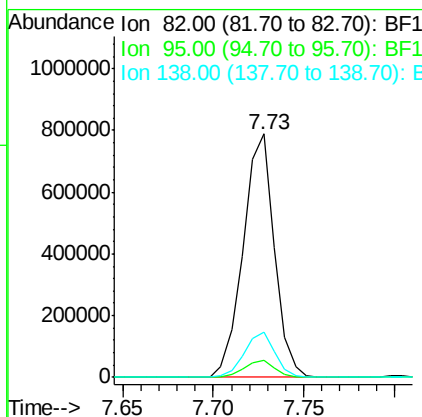
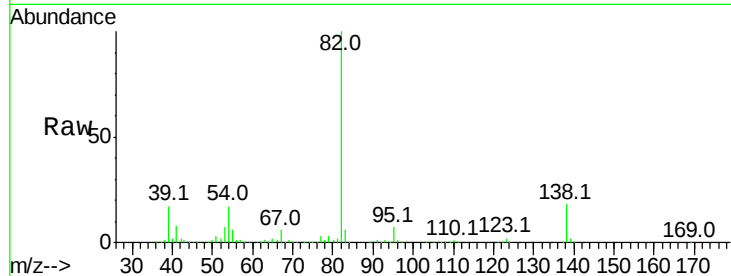
ClientSampleId :

3N-3MSD

Tot Ion:	82	Resp:	944500
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.979 ng m

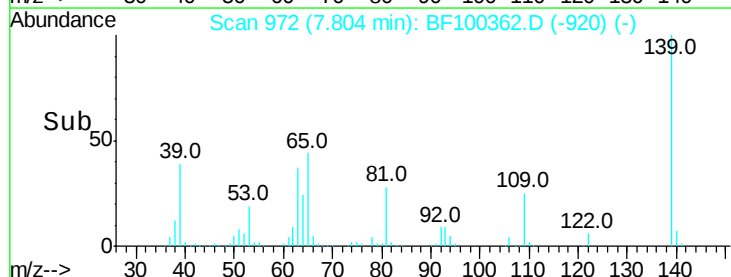
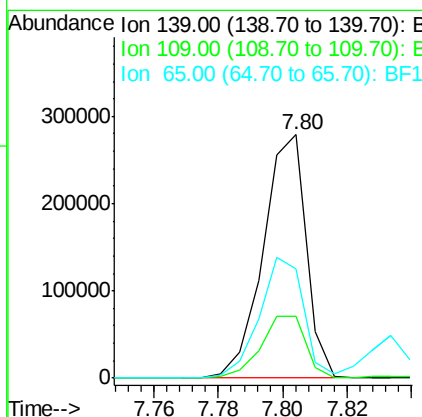
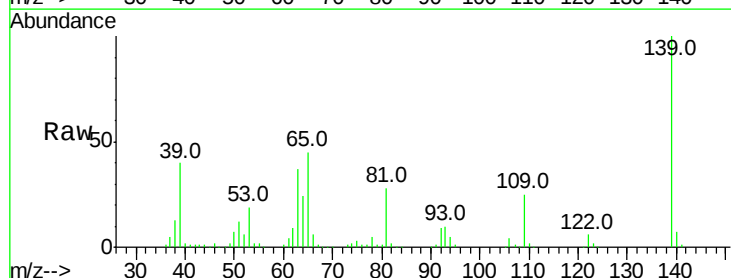
RT: 7.80 min Scan# 972

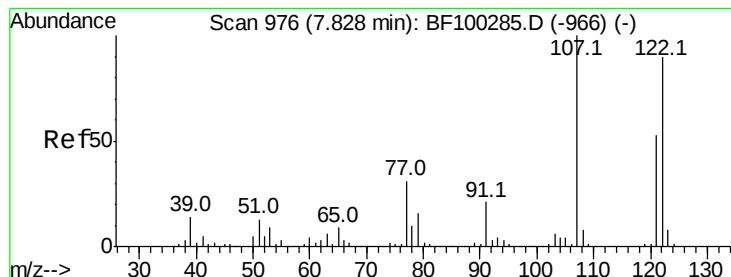
Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	139	Resp:	260189
Ion Ratio	Lower	Upper	
139	100		
109	25.3	22.7	34.1
65	45.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 40.896 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

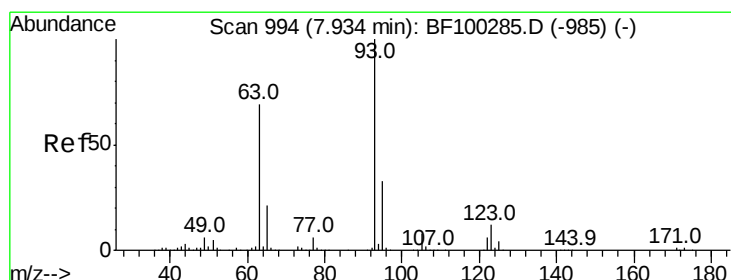
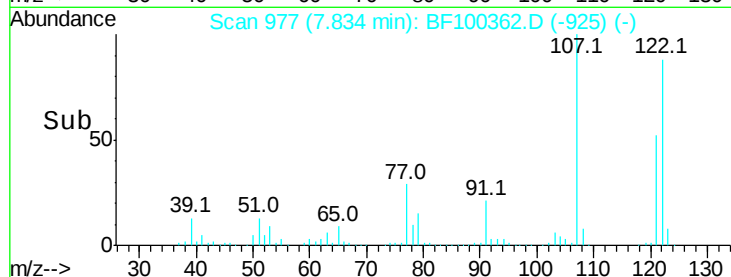
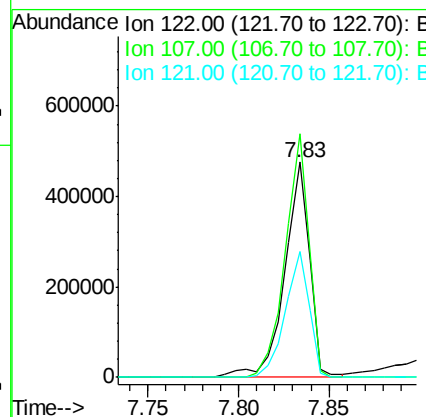
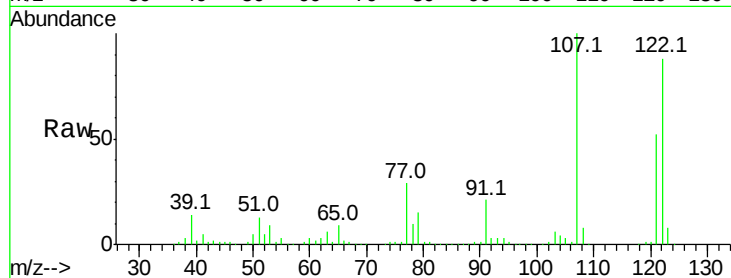
ClientSampleId :

3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	454281		
107	113.3		91.2	136.8
121	58.8		47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 37.016 ng

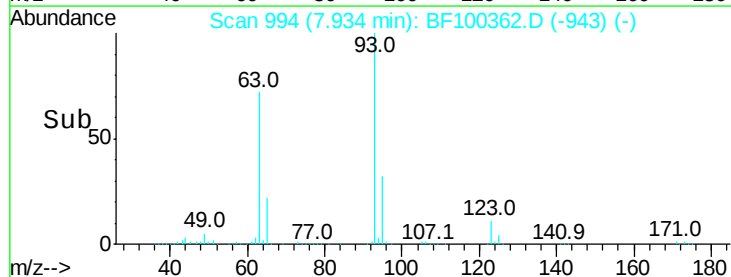
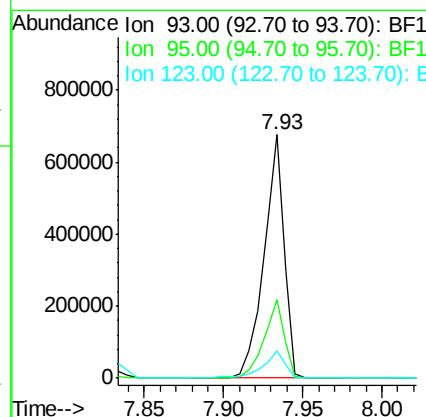
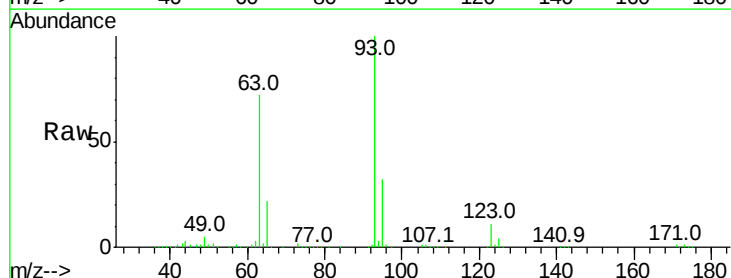
RT: 7.93 min Scan# 994

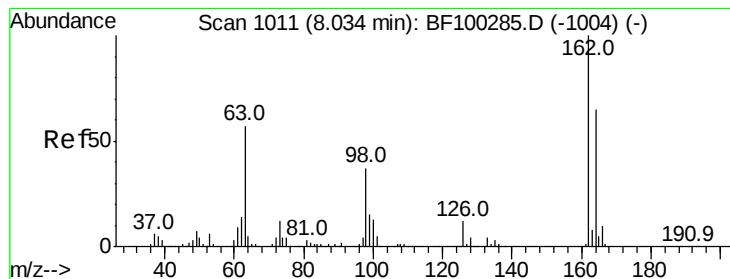
Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	599984		
95	32.5		26.3	39.5
123	11.0		9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.333 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

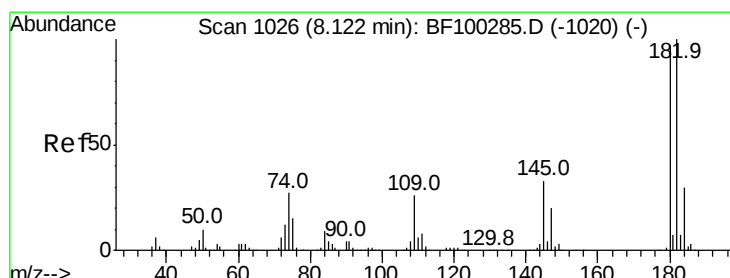
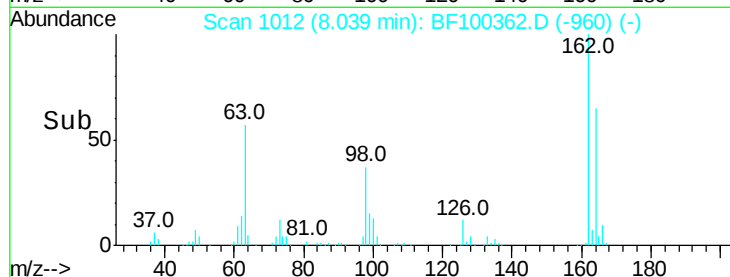
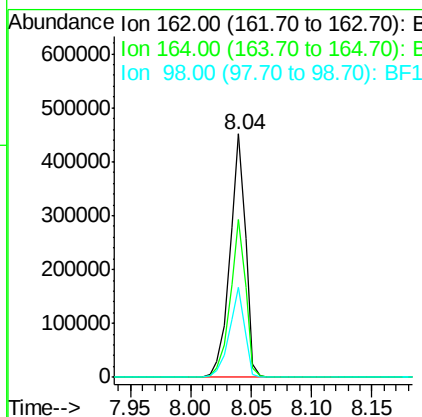
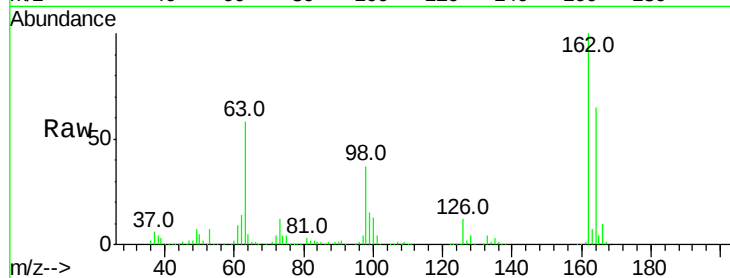
ClientSampleId :

3N-3MSD

Tot Ion:	162	Resp:	406504
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.7	82.7
98	36.9	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 35.876 ng

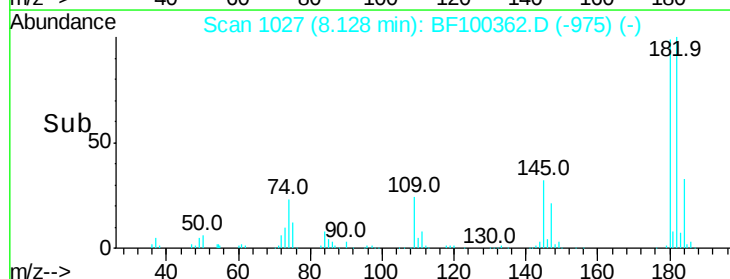
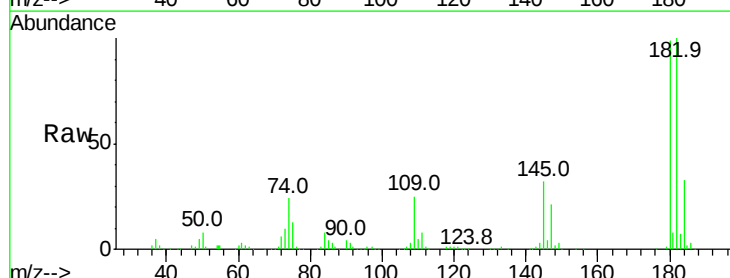
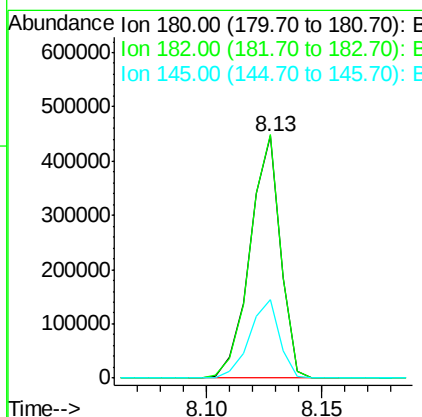
RT: 8.13 min Scan# 1027

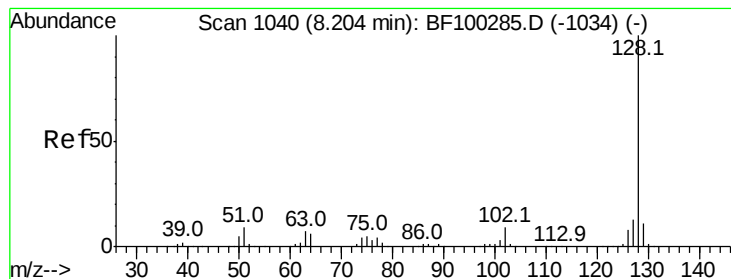
Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	180	Resp:	411528
Ion Ratio	Lower	Upper	
180	100		
182	100.5	76.8	115.2
145	32.3	26.5	39.7





#31

Naphthalene

Concen: 34.680 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

3N-3MSD

Tot Ion:128 Resp: 1302254

Ion Ratio Lower Upper

128 100

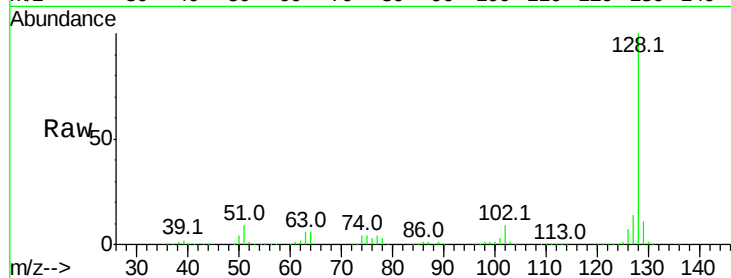
129 11.3 8.8 13.2

127 13.6 10.9 16.3

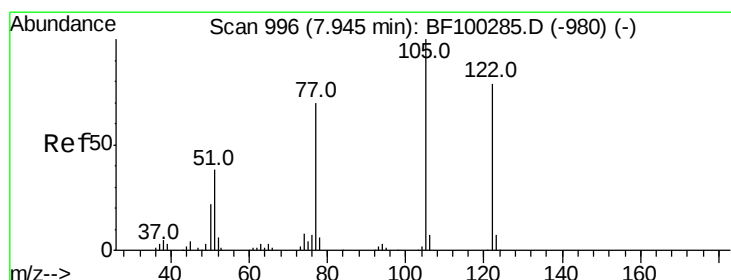
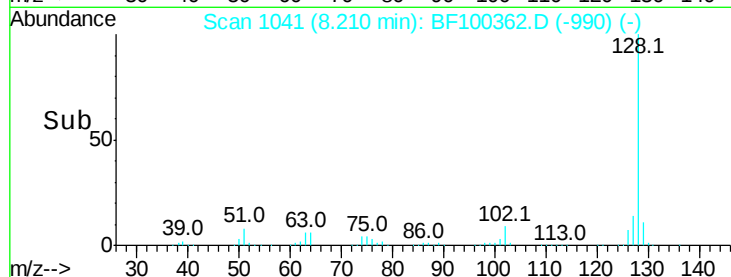
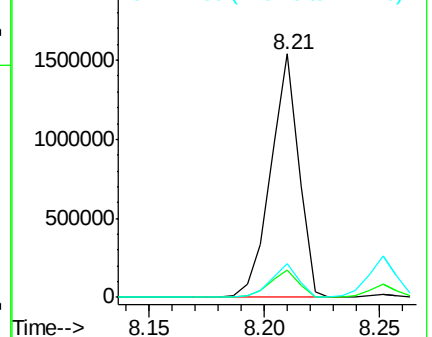
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.827 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

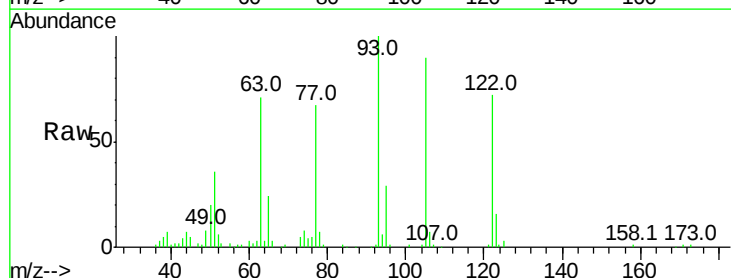
Tgt Ion:122 Resp: 121088

Ion Ratio Lower Upper

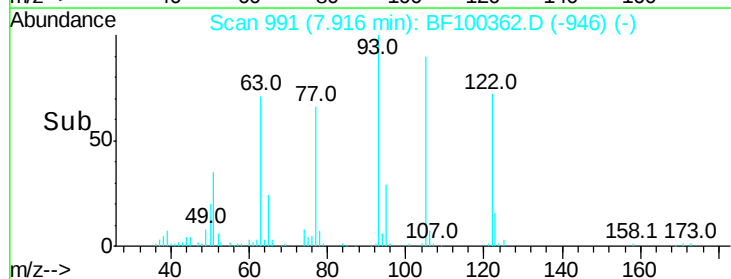
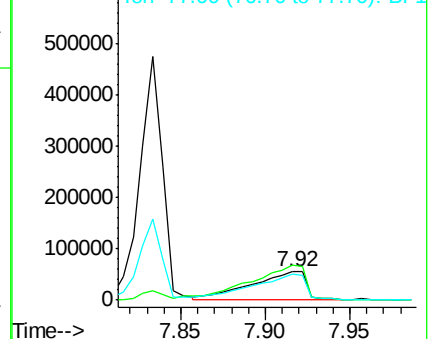
122 100

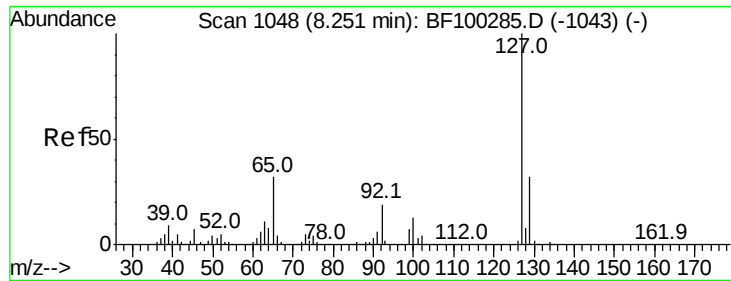
105 125.3 101.1 141.1

77 93.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





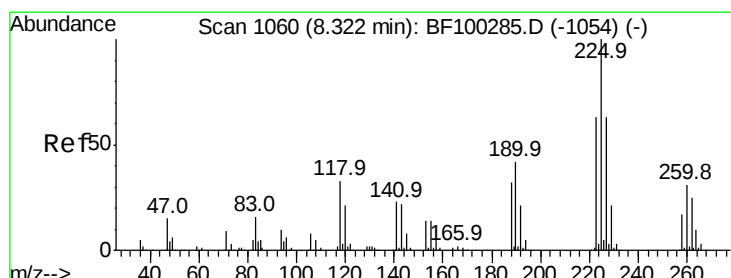
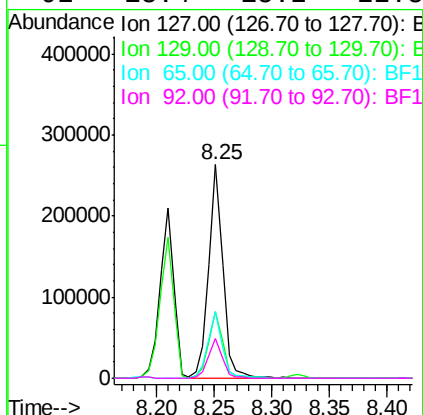
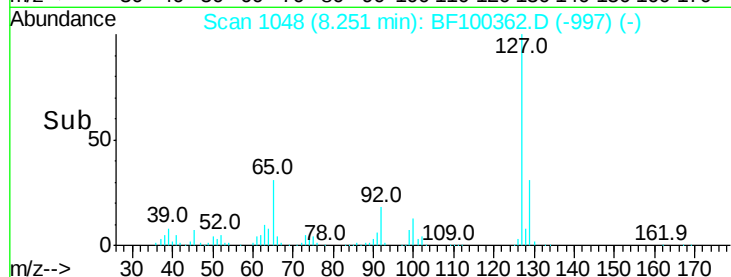
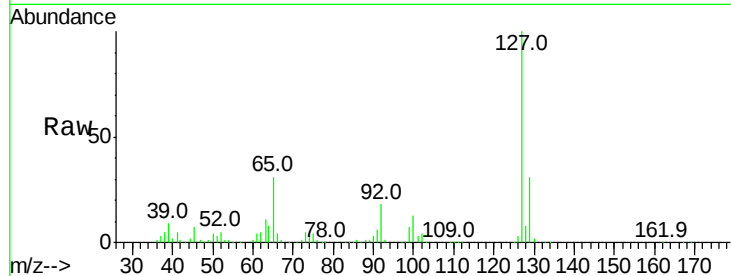
#33
4-Chloroaniline
Concen: 14.638 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	25.9	38.9	
65	31.4	25.0	37.4	
92	18.4	15.2	22.8	

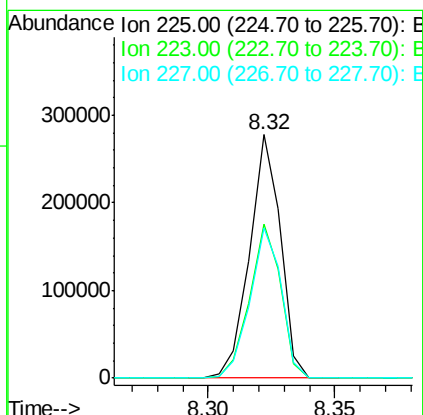
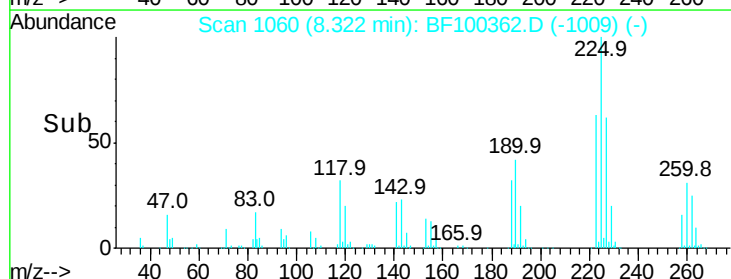
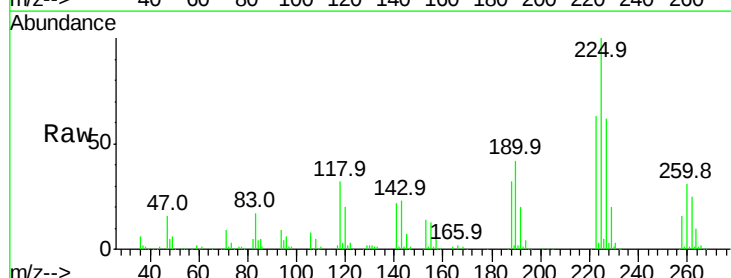
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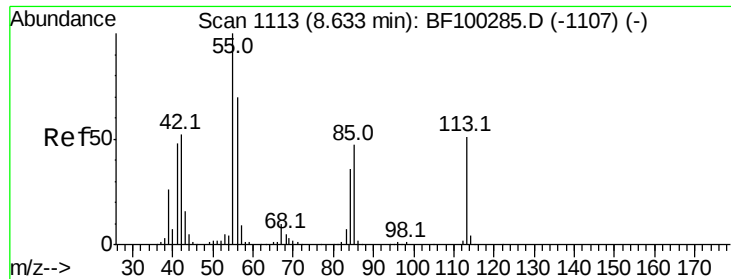
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#34
Hexachlorobutadiene
Concen: 34.513 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.6	76.0	
227	61.6	51.9	77.9	





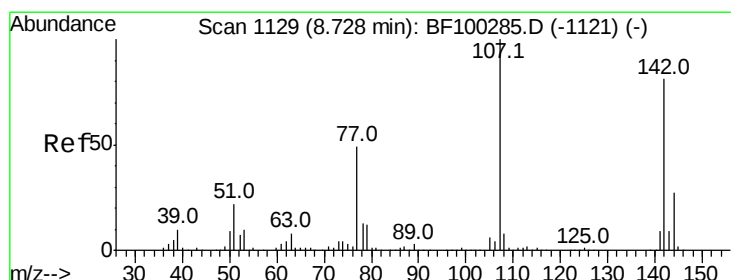
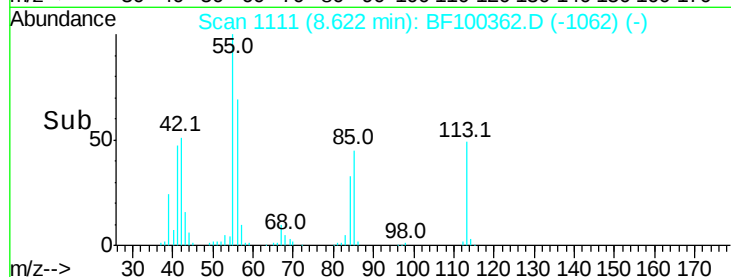
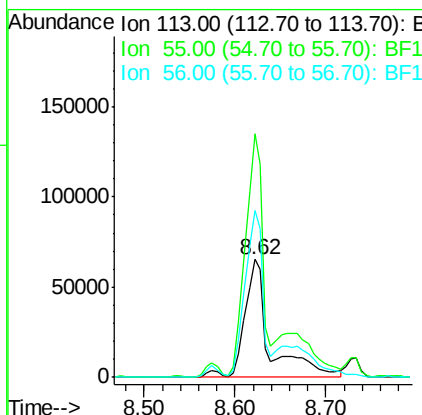
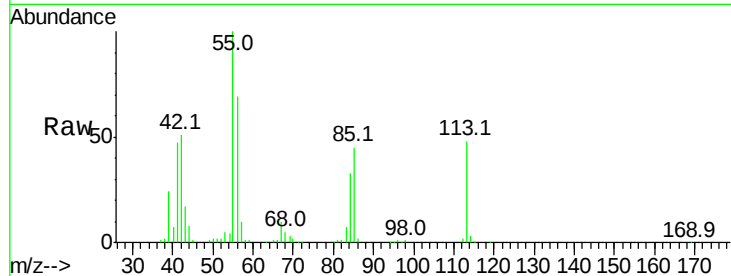
#35
Caprolactam
Concen: 34.697 ng/ml
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion:113 Resp: 126270
Ion Ratio Lower Upper
113 100
55 206.5 163.3 203.3#
56 141.6 115.7 155.7

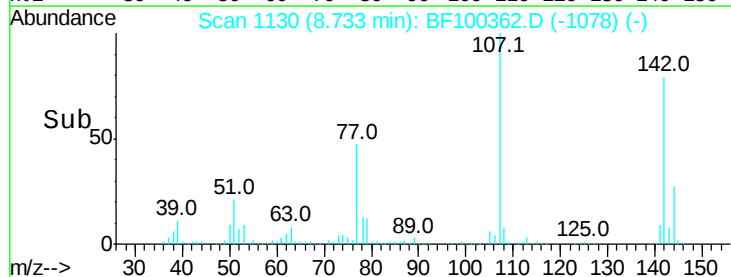
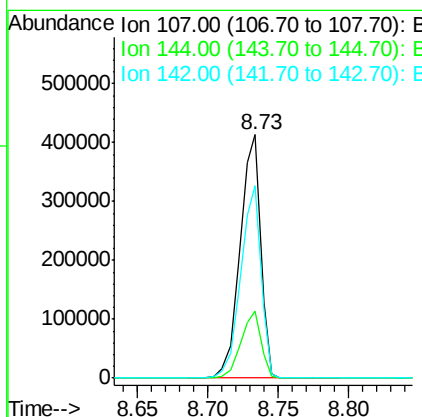
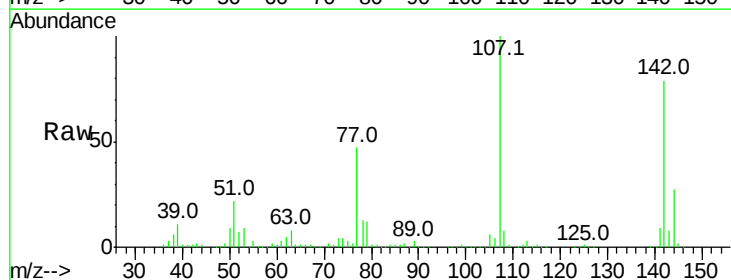
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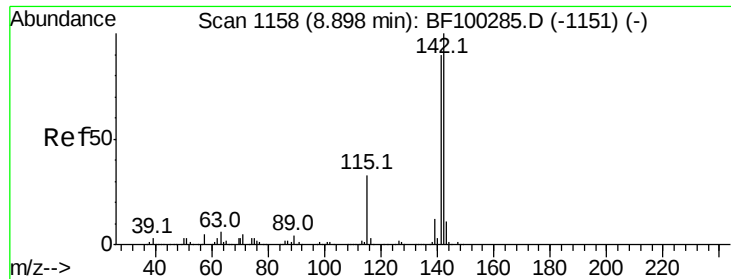
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#36
4-Chloro-3-methylphenol
Concen: 36.759 ng/ml
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion:107 Resp: 418655
Ion Ratio Lower Upper
107 100
144 27.5 20.5 30.7
142 79.0 62.0 93.0





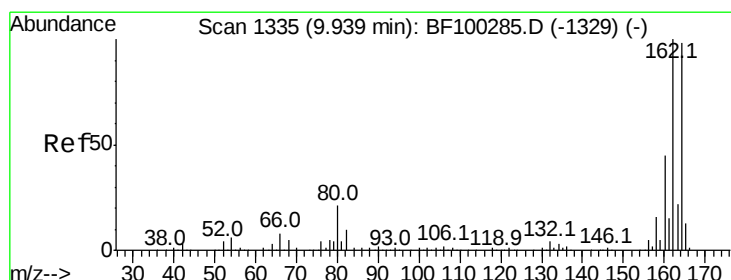
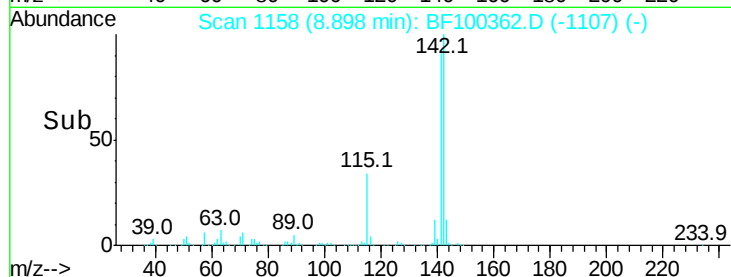
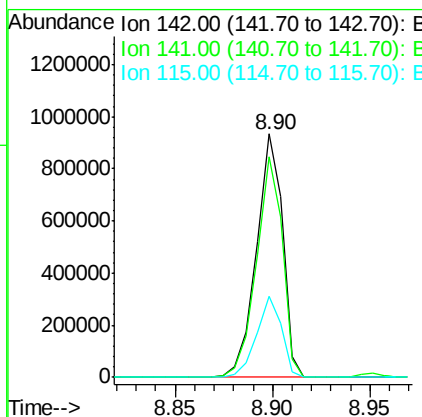
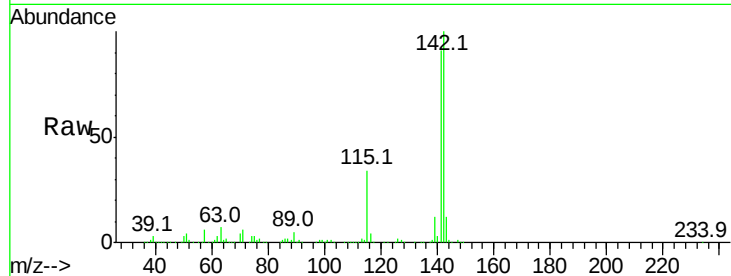
#37
2-Methylnaphthalene
Concen: 34.704 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	33.5	26.1	39.1

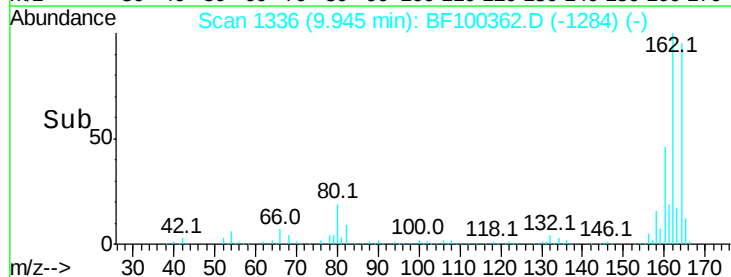
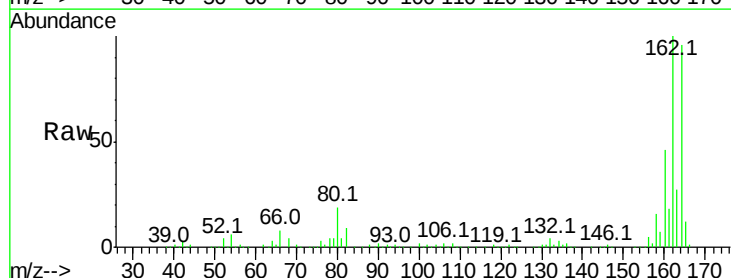
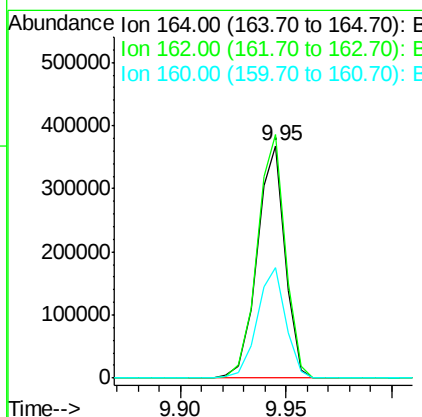
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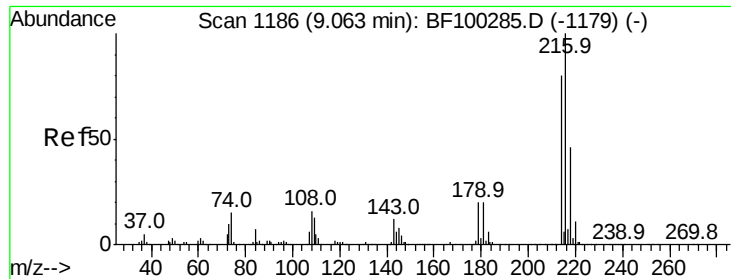
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.6	38.3	57.5





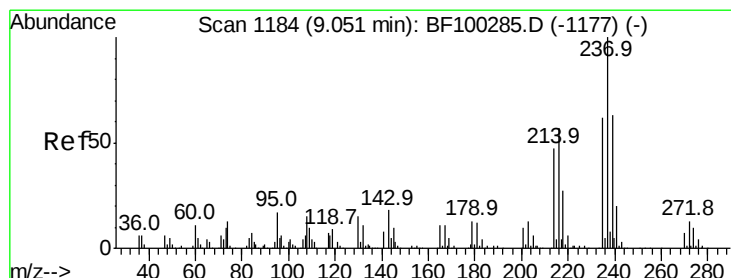
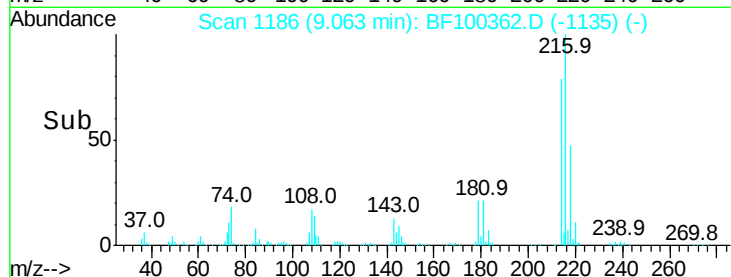
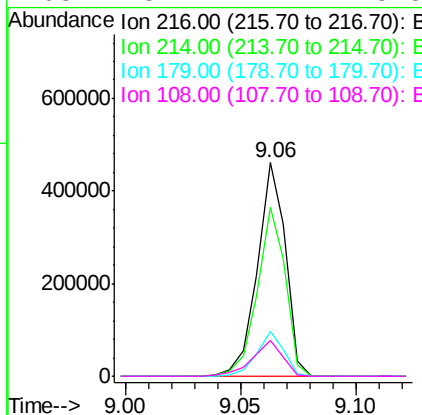
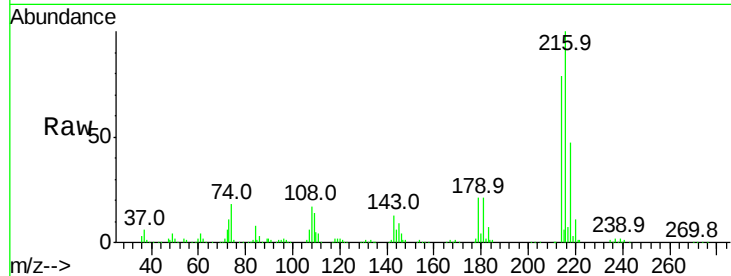
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.950 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3N-3MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	20.2	18.1	27.1
108	18.2	17.2	25.8

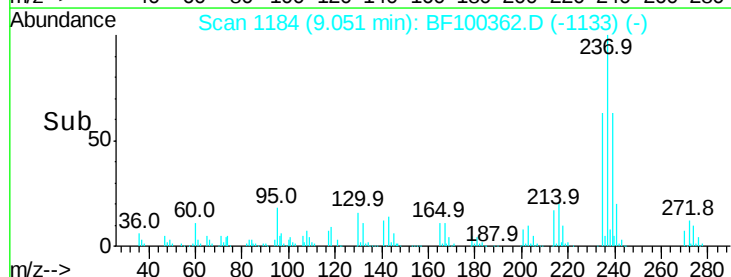
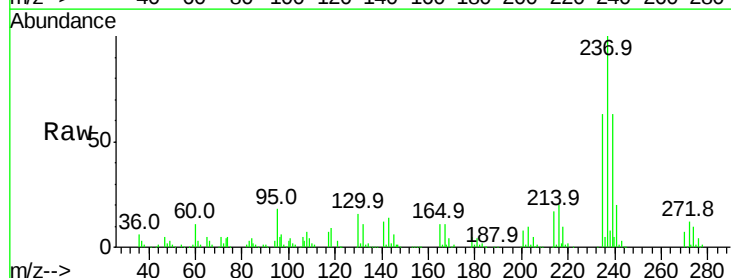
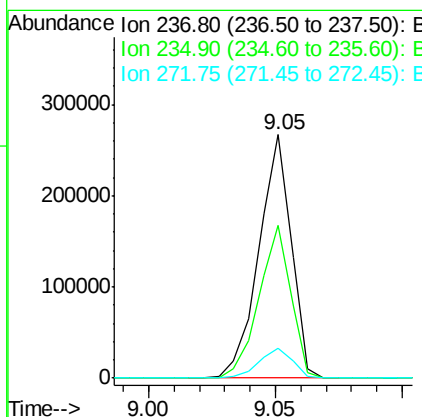
Manual Integrations
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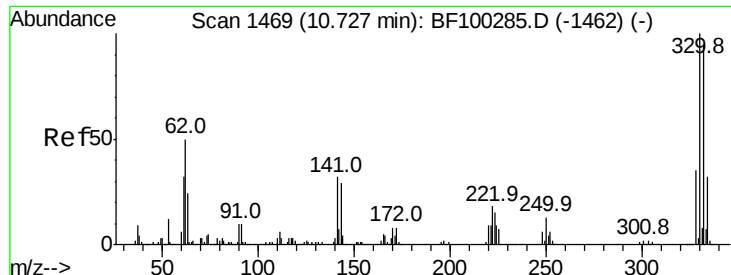
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#40
 Hexachlorocyclopentadiene
 Concen: 45.147 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.7	44.8	84.8
272	12.2	0.0	33.3





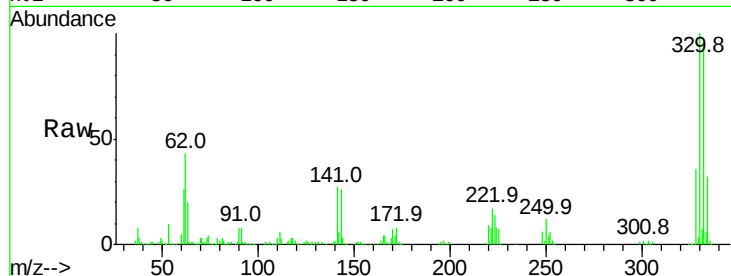
#41
 2,4,6-Tribromophenol
 Concen: 91.414 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3N-3MSD

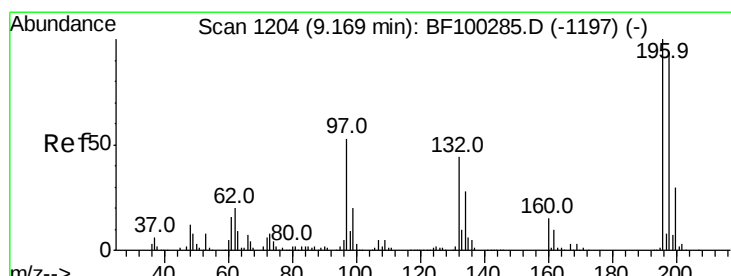
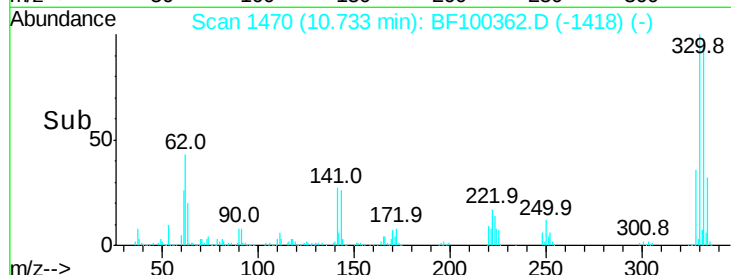
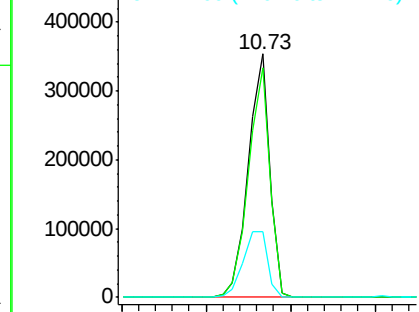
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.0	115.6	
141	30.8	29.9	44.9	

Manual Integrations
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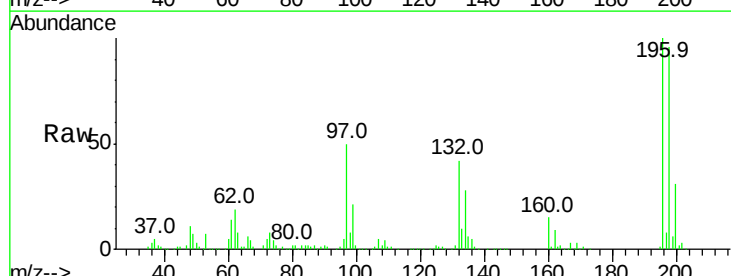


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

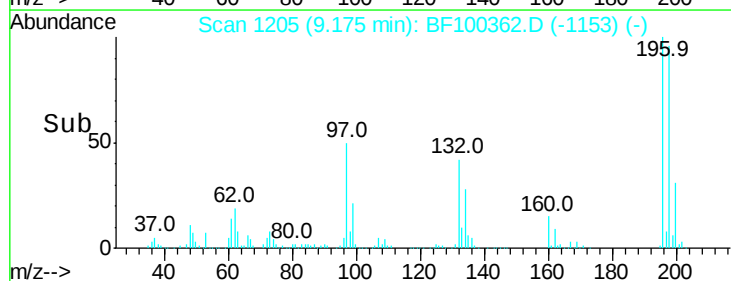
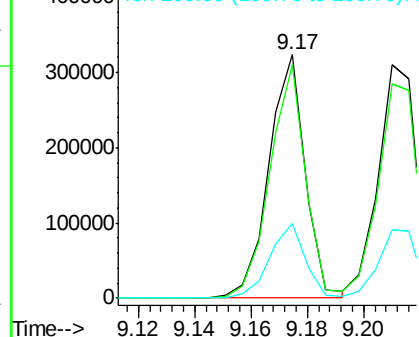


#42
 2,4,6-Trichlorophenol
 Concen: 40.614 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	75.7	113.5	
200	30.7	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





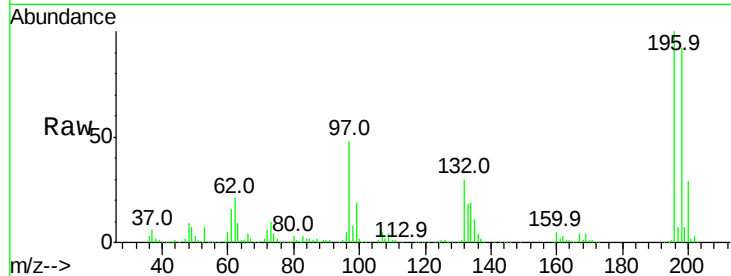
#43
 2,4,5-Trichlorophenol
 Concen: 39.907 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampled :
 3N-3MSD

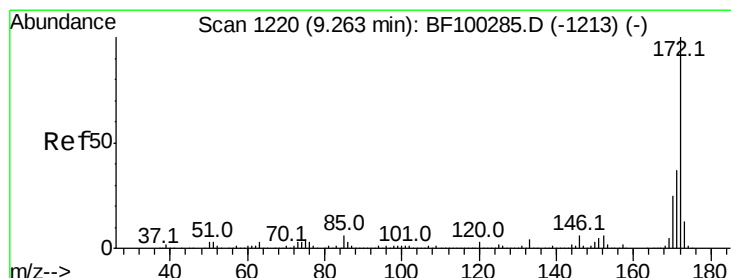
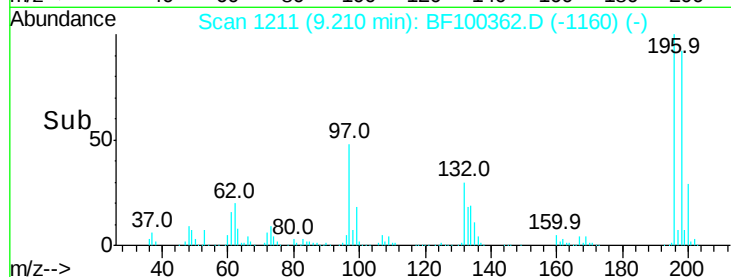
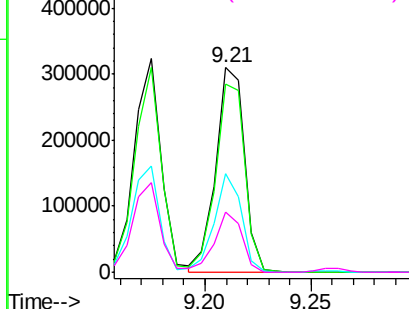
Tot Ion	Ratio	Resp	Lower	Upper
196	100	293521		
198	91.7	74.6	112.0	
97	48.5	42.9	64.3	
132	29.7	26.3	39.5	

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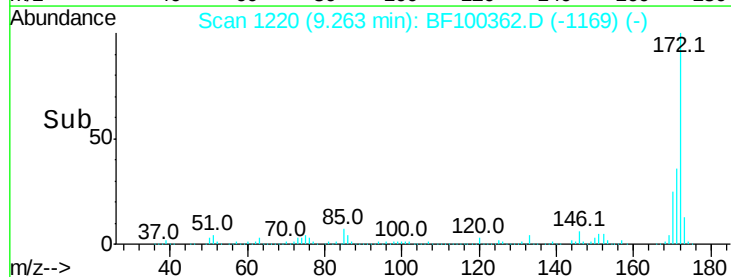
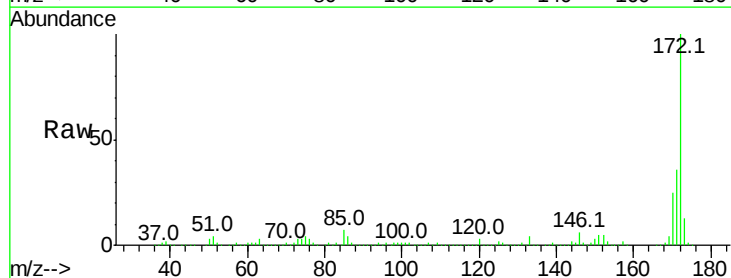
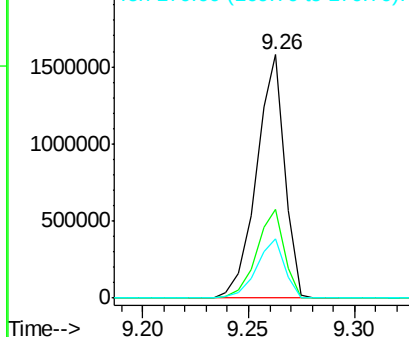
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

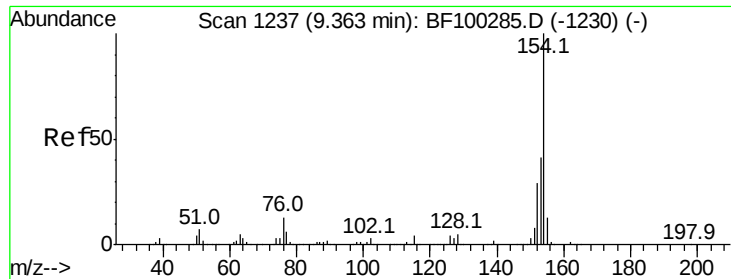


#44
 2-Fluorobiphenyl
 Concen: 65.837 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1460256		
171	36.4	29.7	44.5	
170	24.5	19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.519 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

3N-3MSD

Tot Ion:154 Resp: 1008323

Ion Ratio Lower Upper

154 100

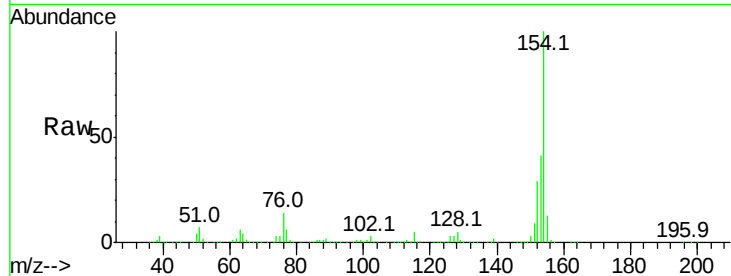
153 41.2 21.3 61.3

76 13.8 0.0 34.0

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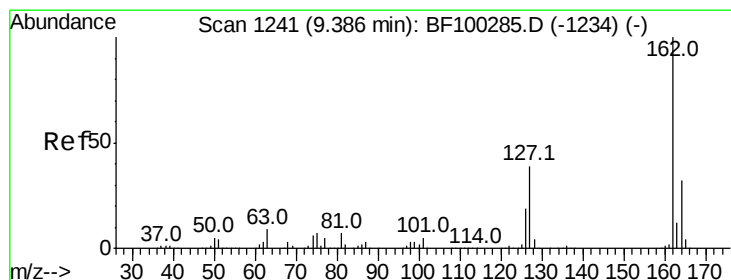
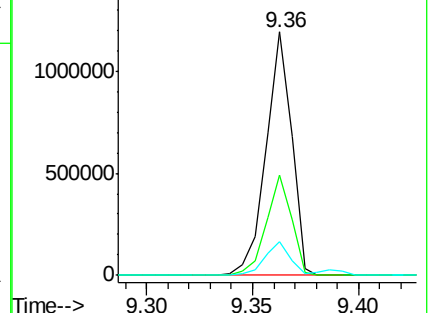
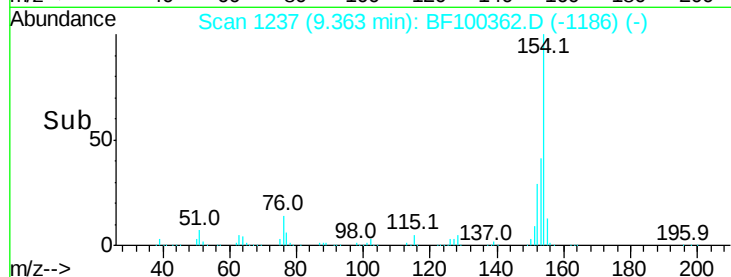
11/10/2017 1:15:29 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.190 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

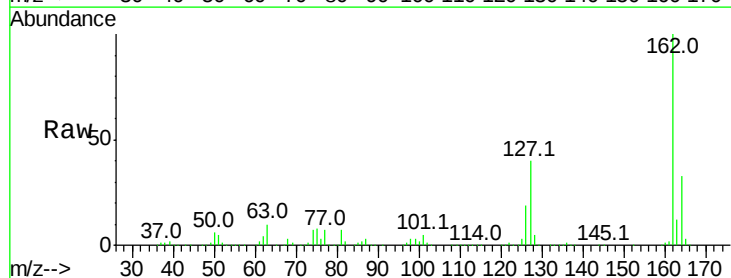
Tgt Ion:162 Resp: 788107

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

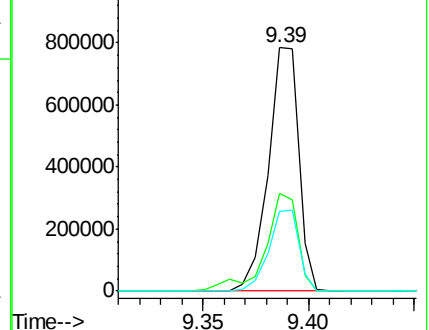
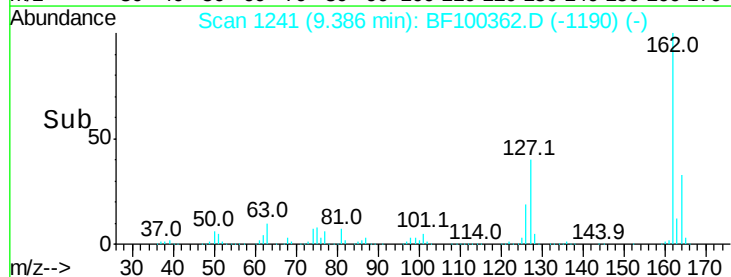
164 32.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.860 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

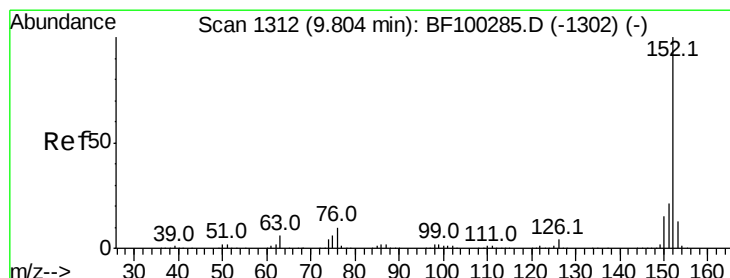
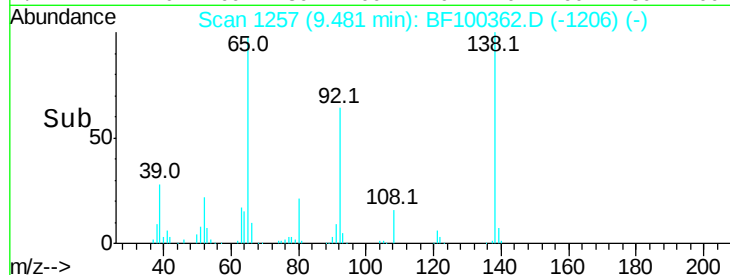
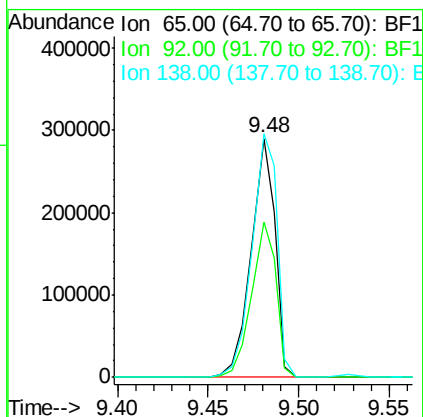
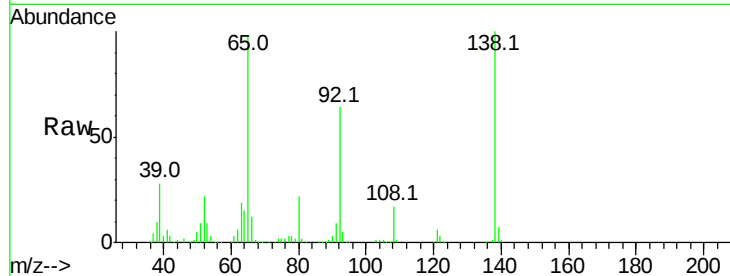
ClientSampleId :

3N-3MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	55.8	83.6
138	101.9	91.2	136.8

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#48

Acenaphthylene

Concen: 34.311 ng

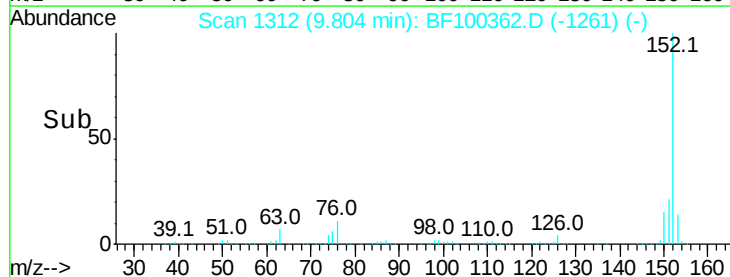
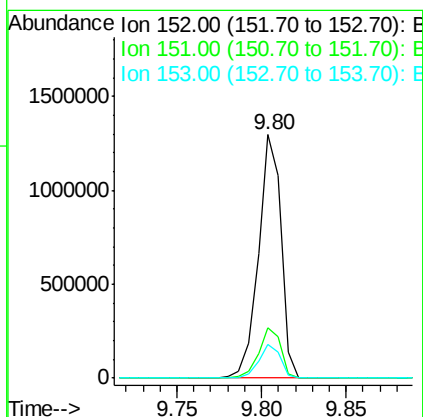
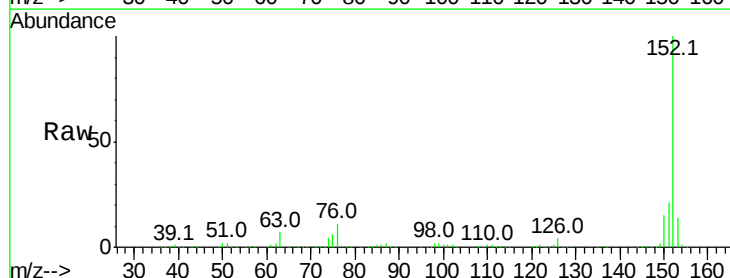
RT: 9.80 min Scan# 1312

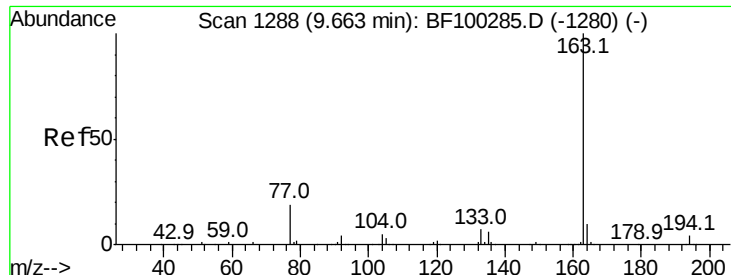
Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.6	10.7	16.1





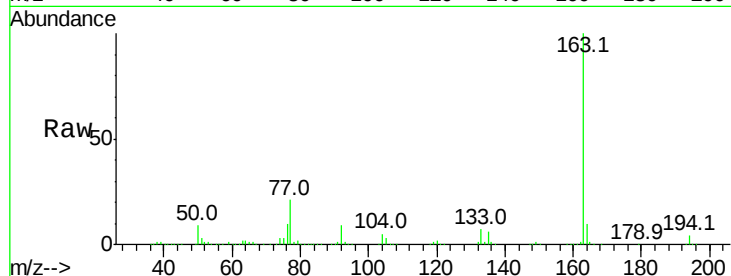
#49
Dimethylphthalate
Concen: 39.809 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

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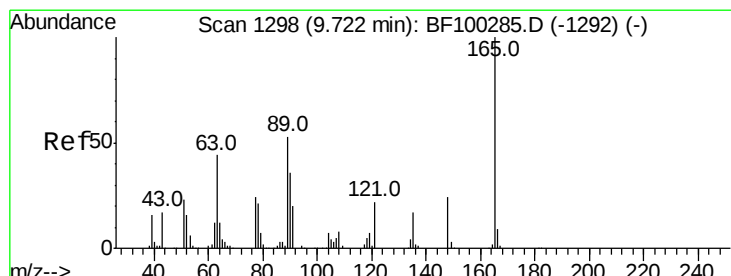
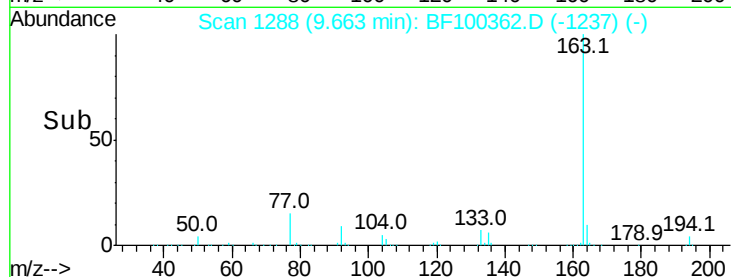
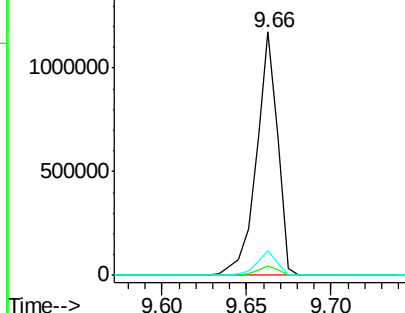


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 41.504 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

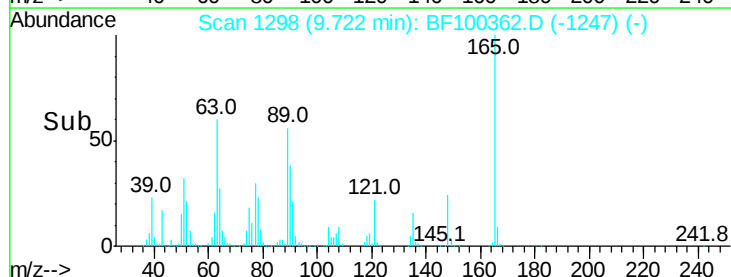
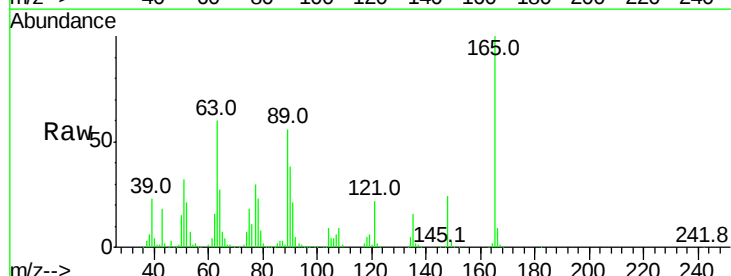
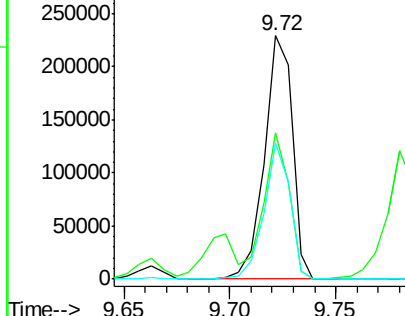
Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.9	44.7	67.1
89	56.2	44.0	66.0

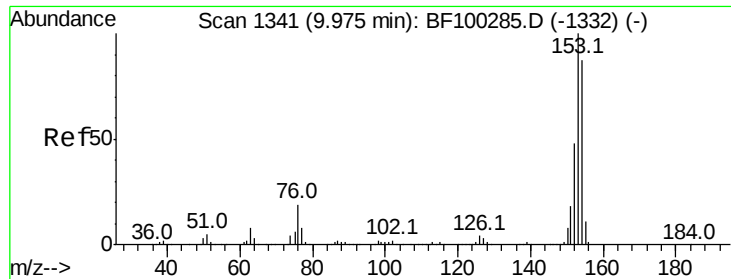
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.610 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

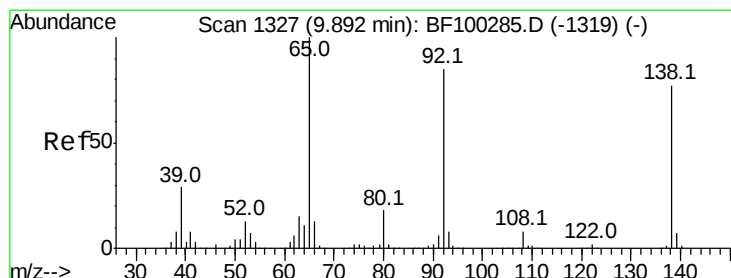
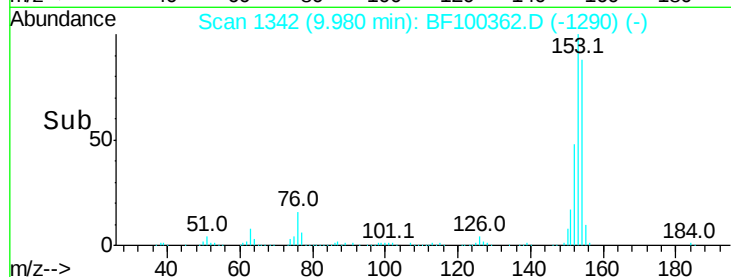
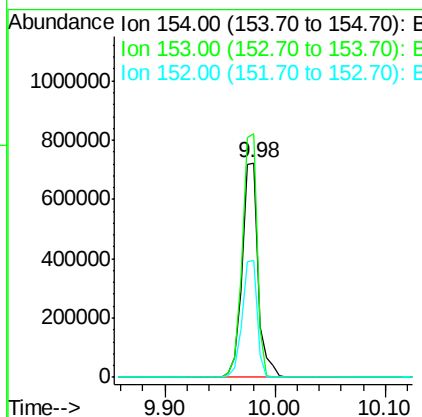
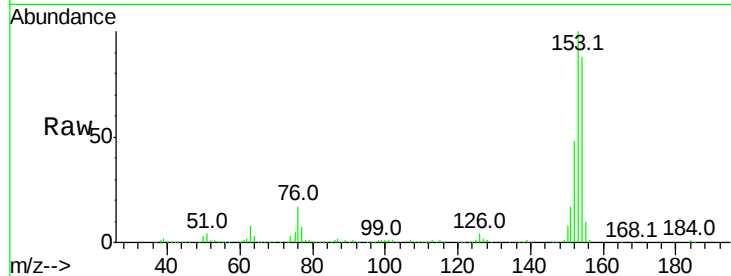
ClientSampleId :

3N-3MSD

Tot Ion:	154	Resp:	739209
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.330 ng

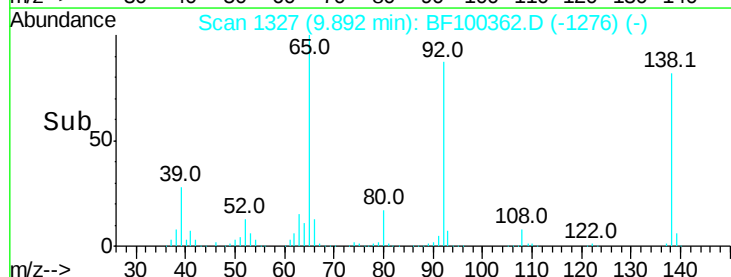
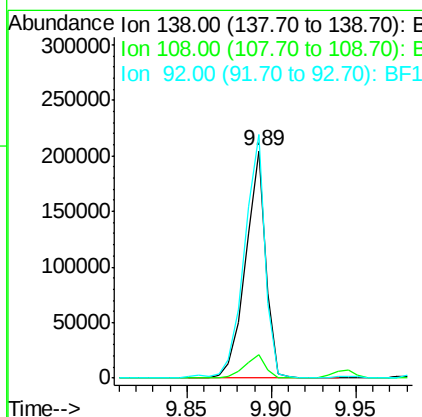
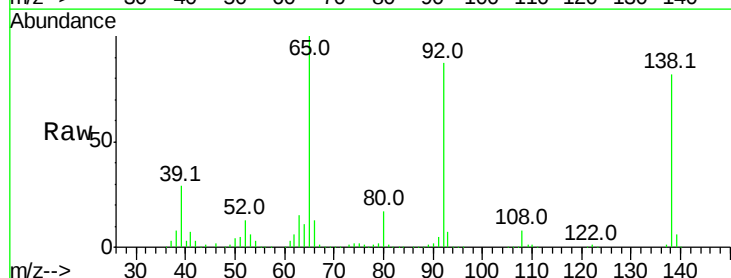
RT: 9.89 min Scan# 1327

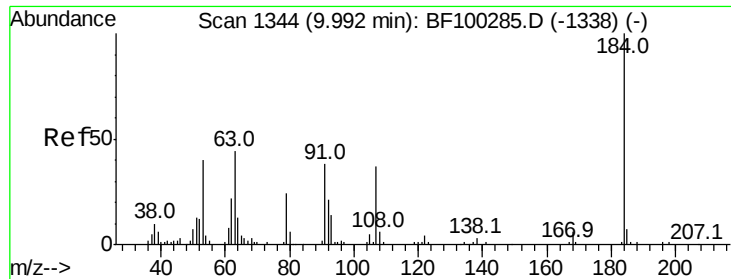
Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	138	Resp:	170756
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	107.0	89.4	134.2





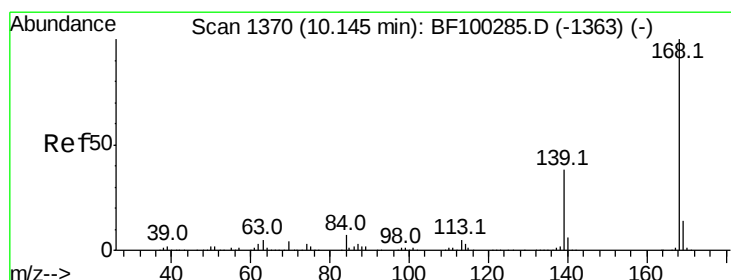
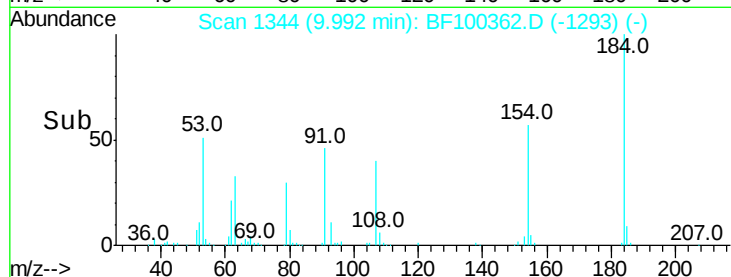
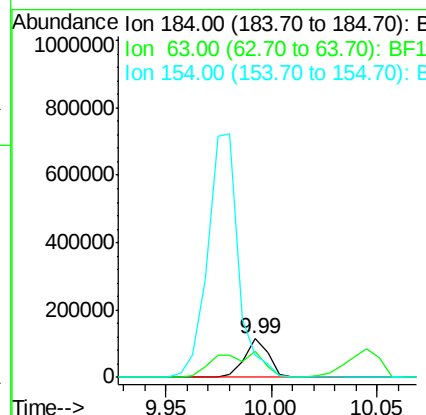
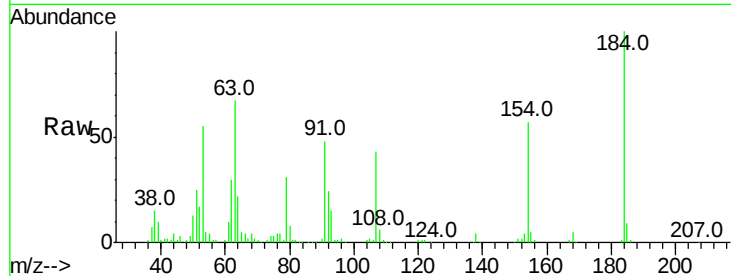
#53
2,4-Dinitrophenol
Concen: 50.439 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.3	54.2	81.2
154	56.6	184.0	276.0#

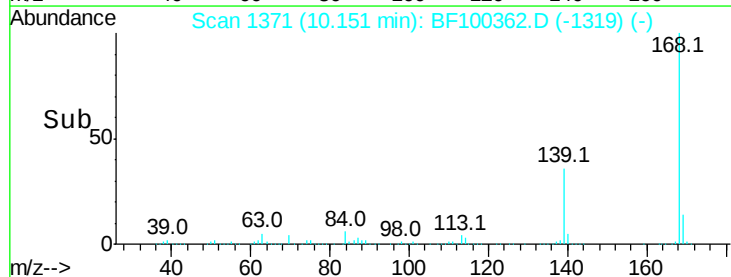
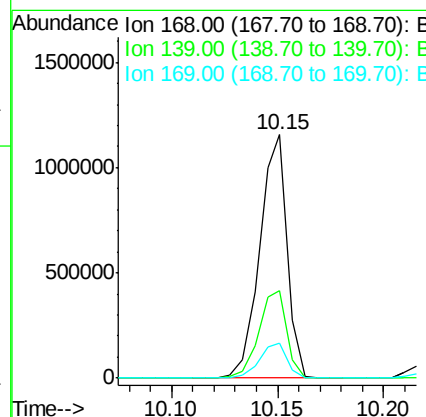
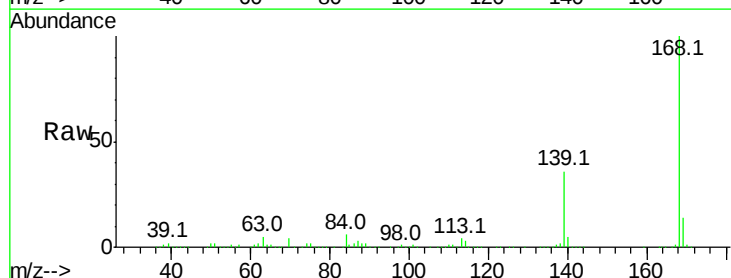
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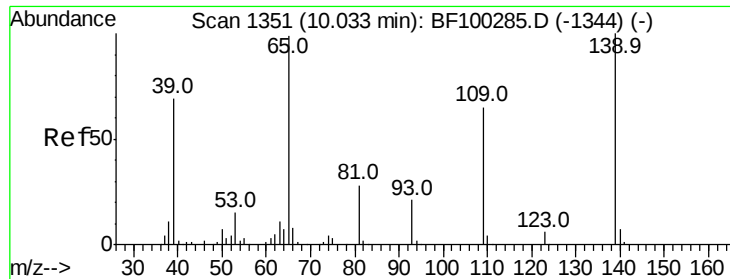
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#54
Dibenzofuran
Concen: 34.850 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	14.1	10.9	16.3





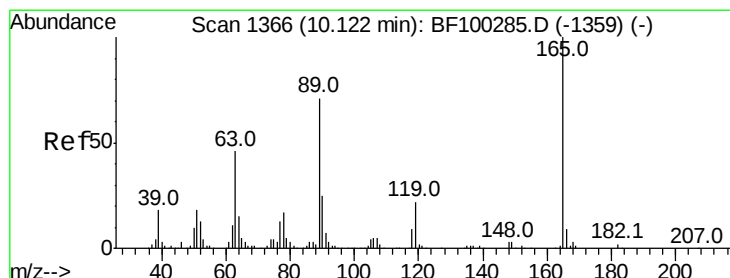
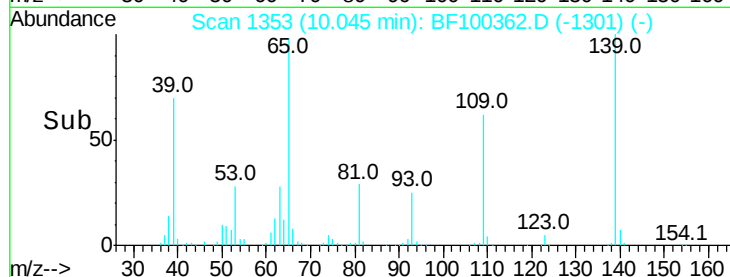
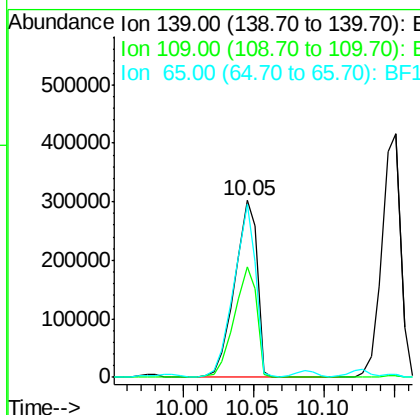
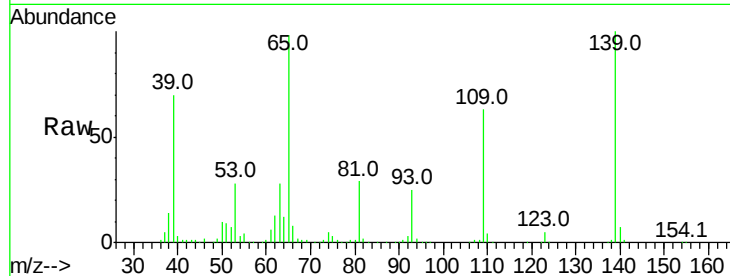
#55
4-Nitrophenol
Concen: 69.114 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.5	48.4	88.4	
65	98.1	72.6	112.6	

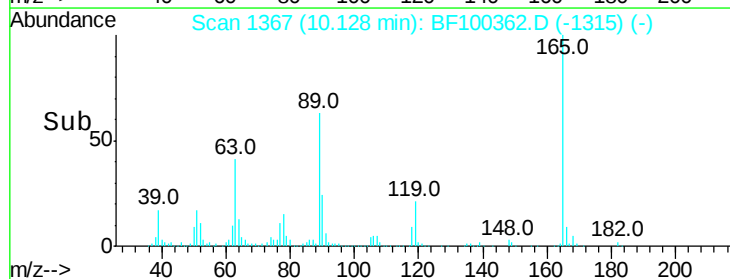
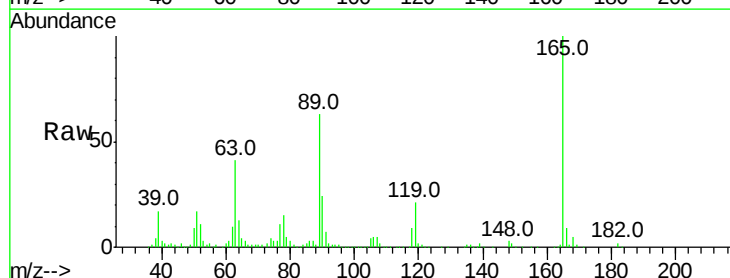
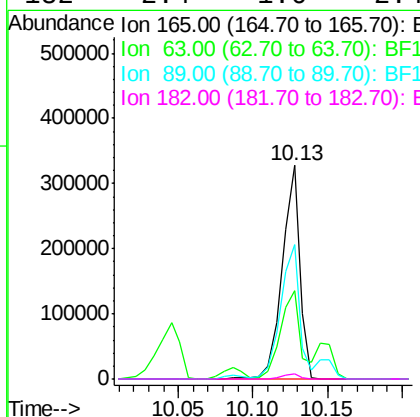
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#56
2,4-Dinitrotoluene
Concen: 42.656 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.2	36.4	54.6	
89	63.2	57.8	86.6	
182	2.4	1.6	2.4	





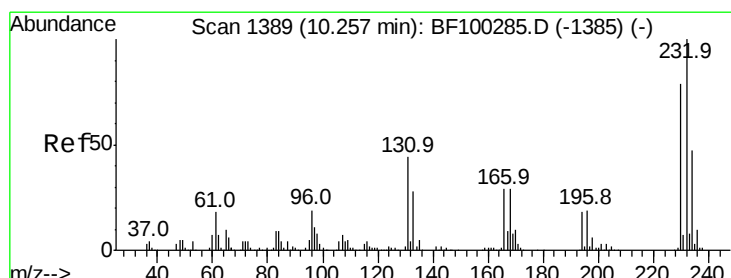
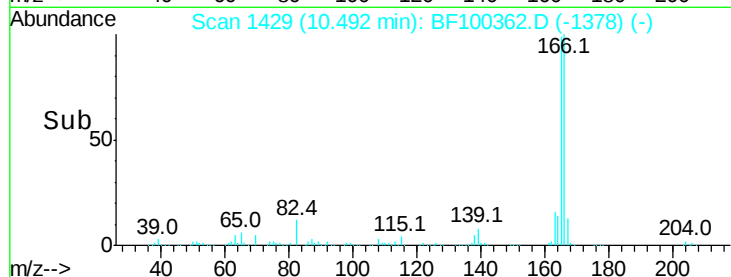
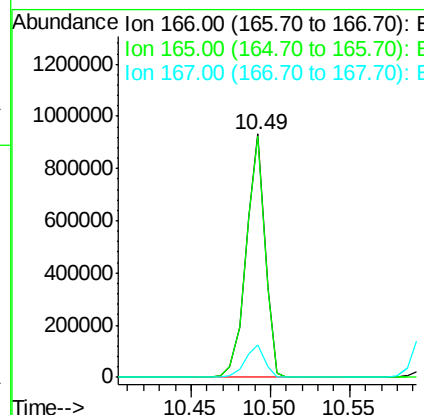
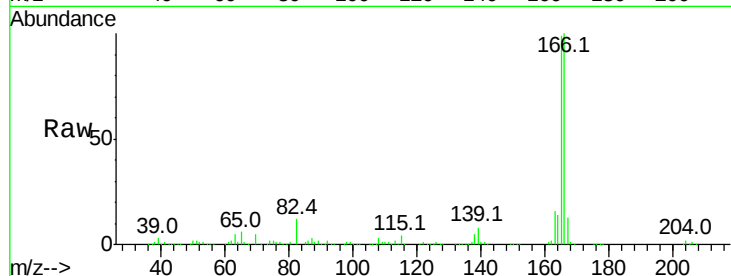
#57
 Fluorene
 Concen: 34.678 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.8	119.8	
167	13.5	10.6	16.0	

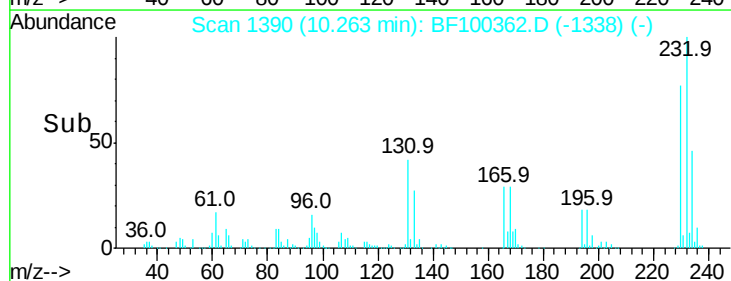
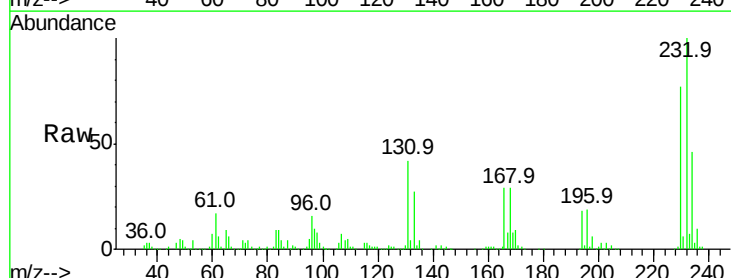
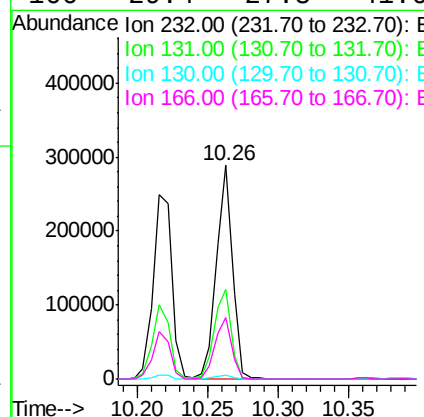
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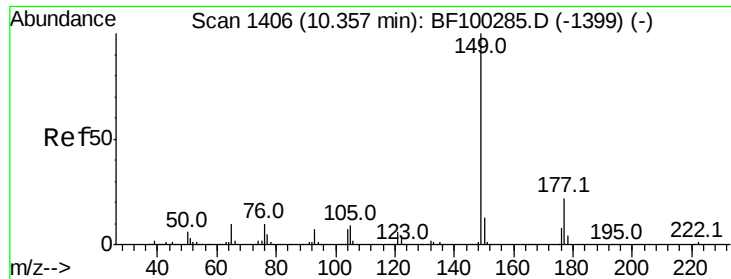
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.196 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.0	43.8	65.8	
130	2.1	2.1	3.1	
166	29.4	27.8	41.6	





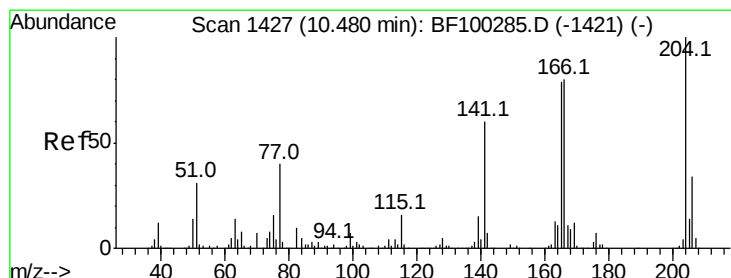
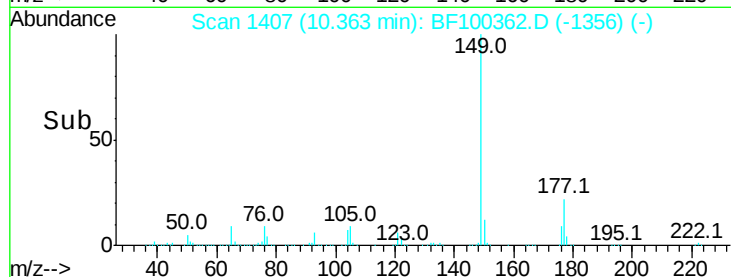
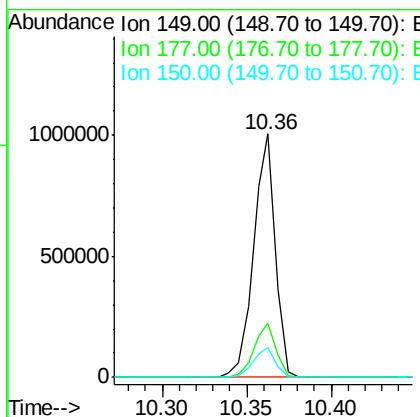
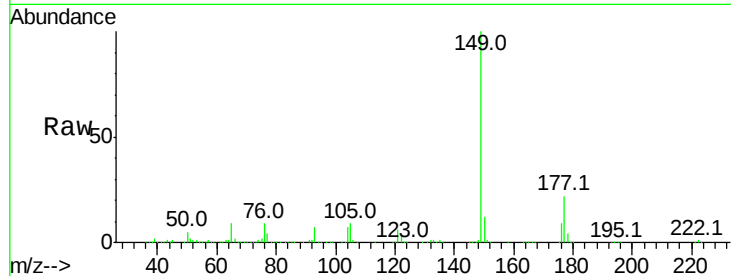
#59
Diethylphthalate
Concen: 34.983 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.3	16.1	24.1
150	12.1	10.1	15.1

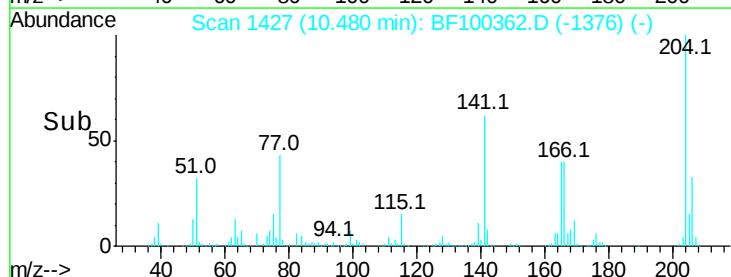
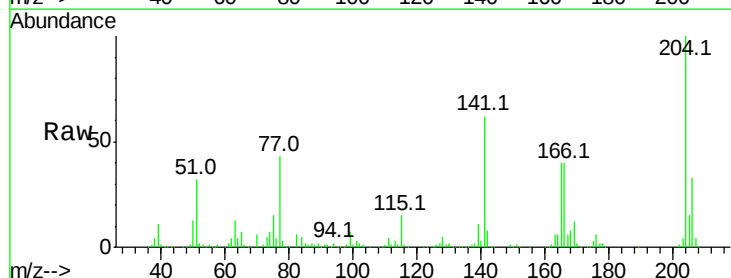
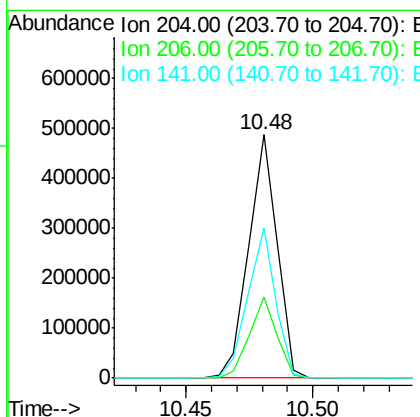
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 35.449 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.2	26.5	39.7
141	61.6	54.6	81.8





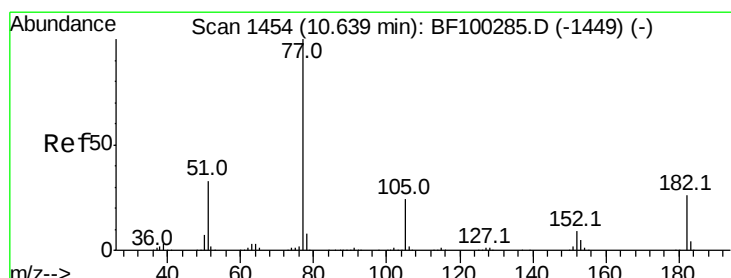
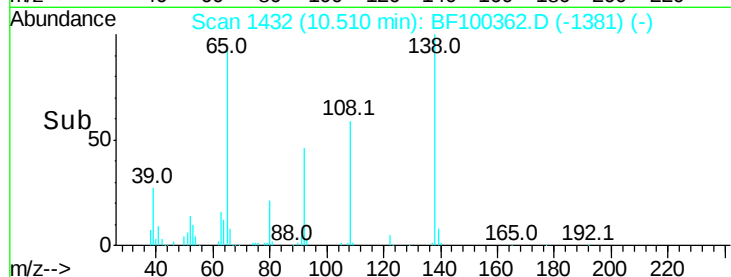
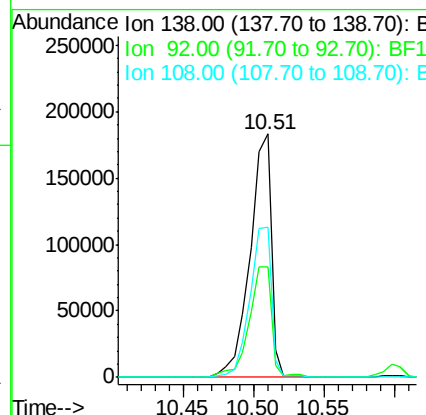
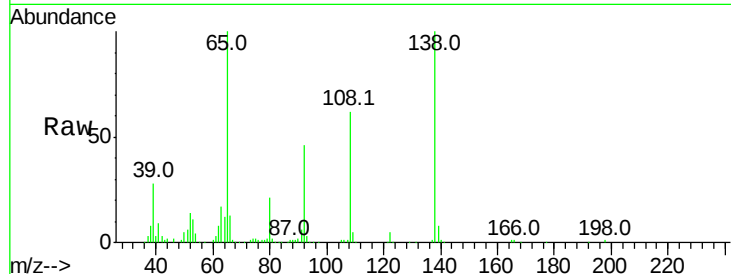
#61
4-Nitroaniline
Concen: 34.075 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	30.2	70.2
108	61.5	52.5	92.5

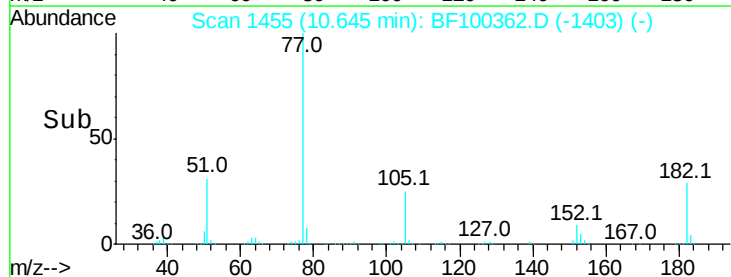
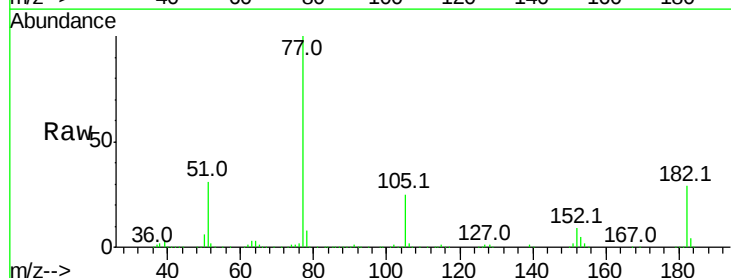
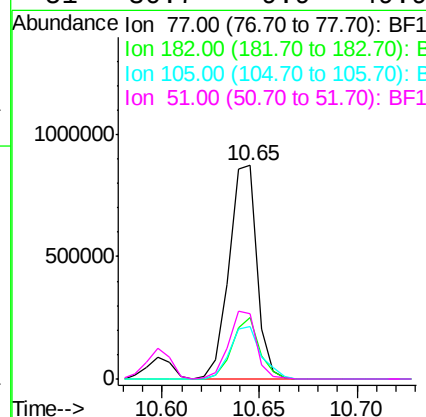
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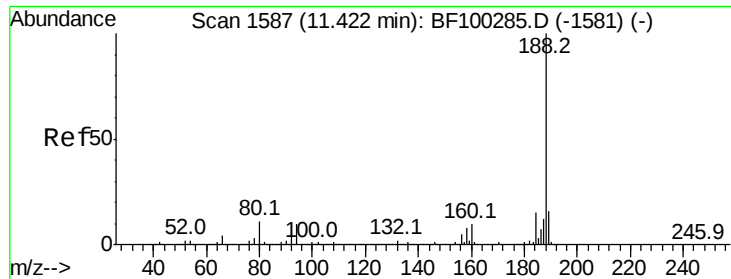
Sohil
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#62
Azobenzene
Concen: 35.634 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.7	41.7
105	24.8	3.0	43.0
51	30.7	9.9	49.9





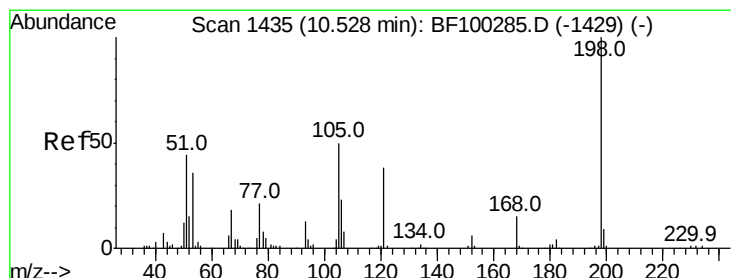
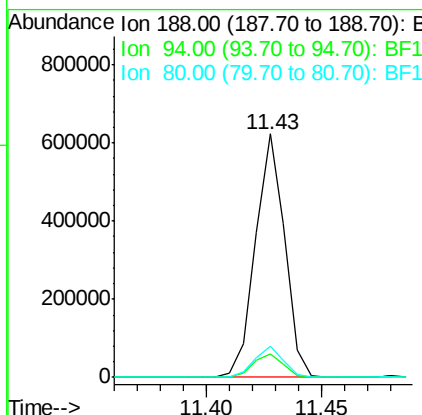
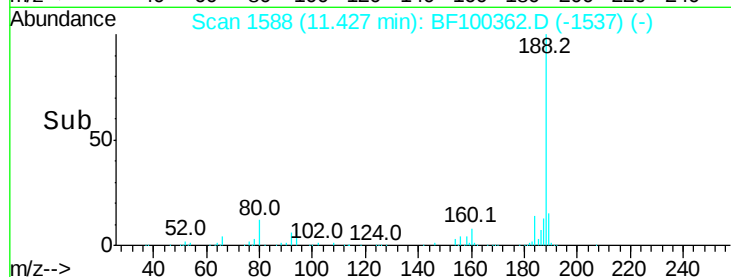
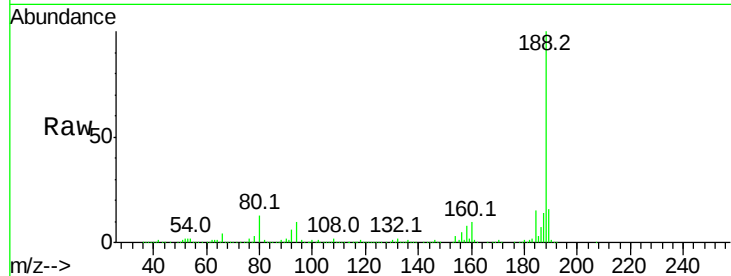
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	12.6	9.2	13.8

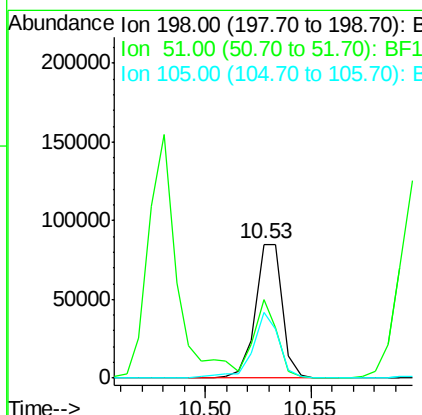
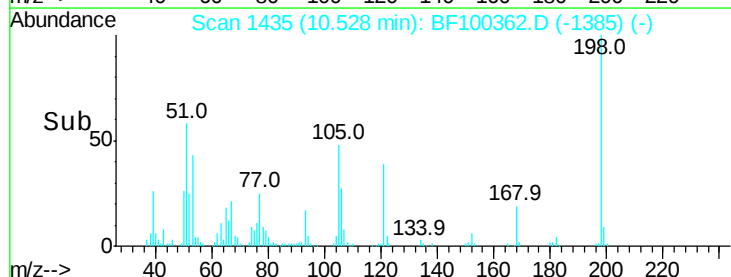
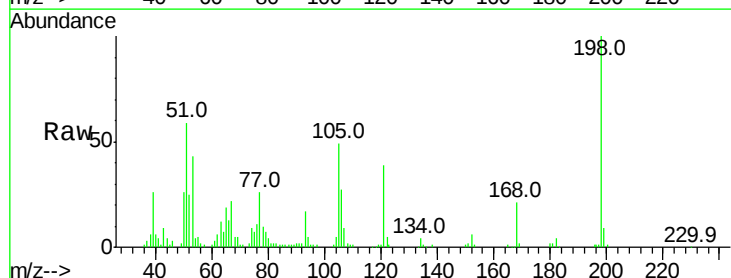
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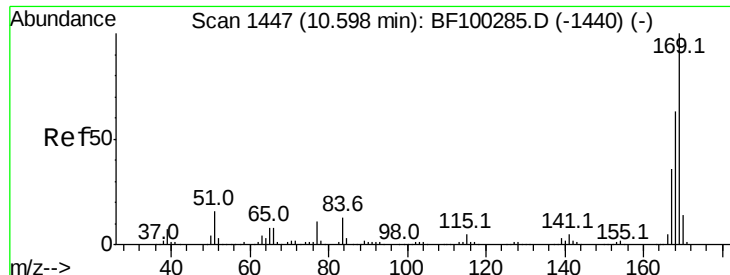
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.876 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.1	37.7	77.7
105	48.7	36.3	76.3





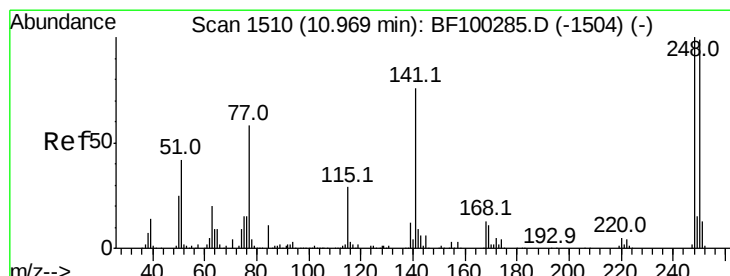
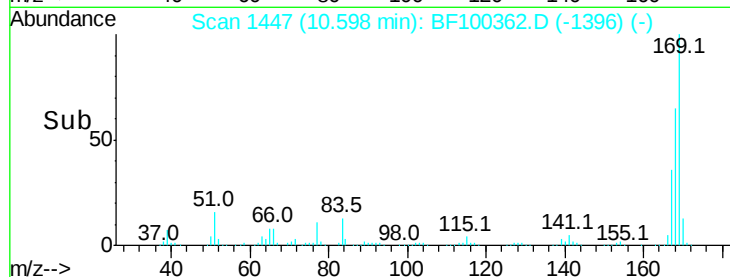
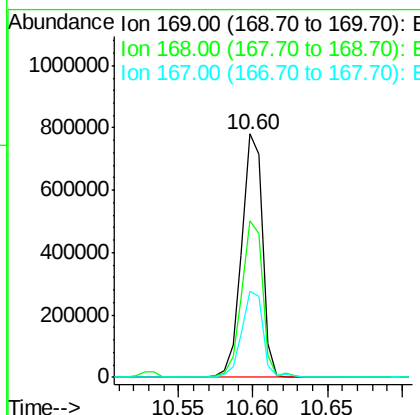
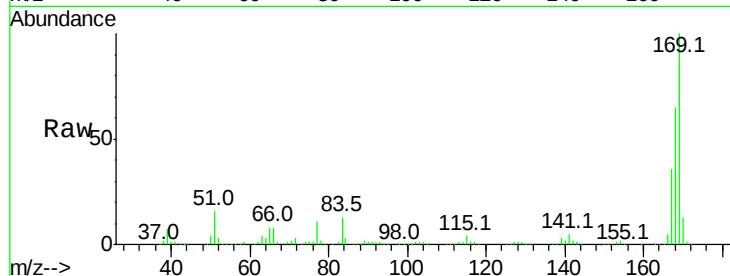
#65
n-Nitrosodiphenylamine
Concen: 39.224 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :
3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	753999		
168	64.5		54.4	81.6
167	35.6		29.8	44.6

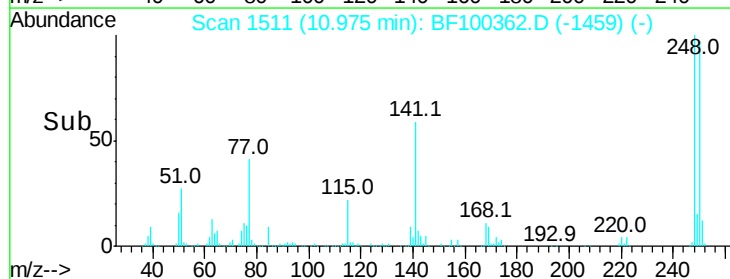
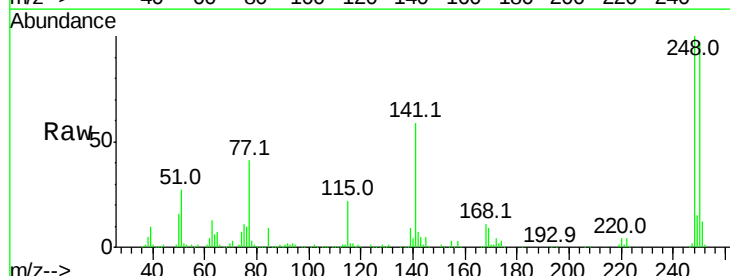
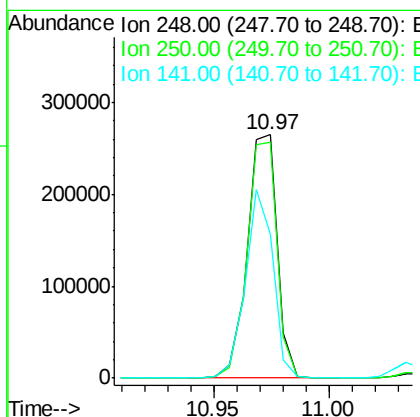
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#66
4-Bromophenyl-phenylether
Concen: 40.512 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	240096		
250	97.1		76.9	115.3
141	59.1		74.4	111.6#





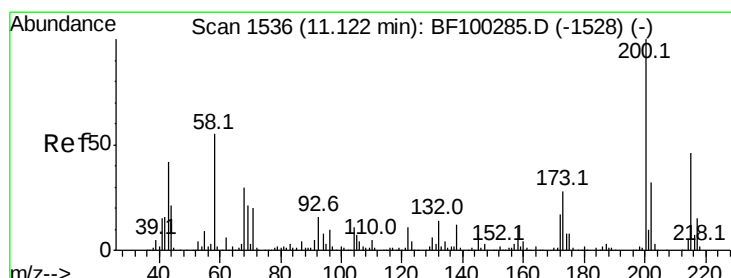
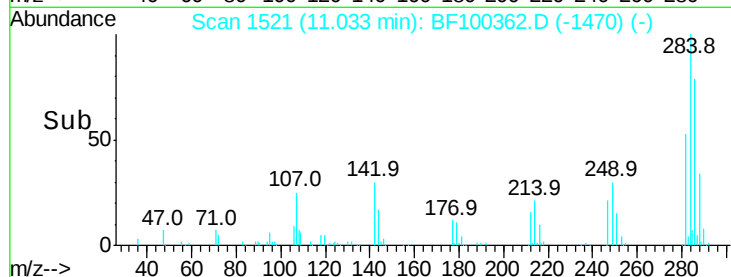
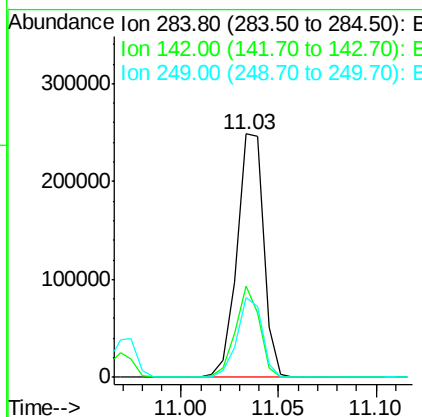
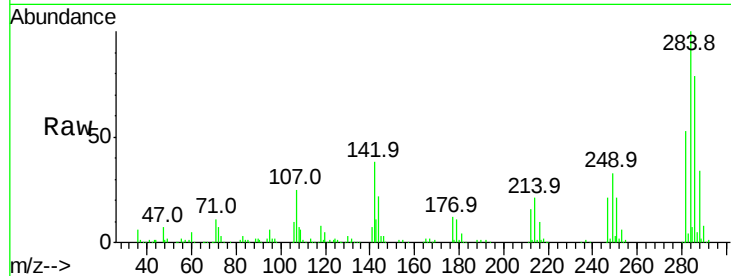
#67
Hexachlorobenzene
Concen: 37.960 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	235290		
142	37.6	34.6	52.0	
249	32.6	24.8	37.2	

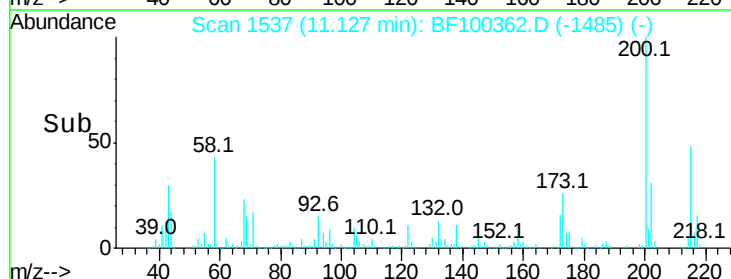
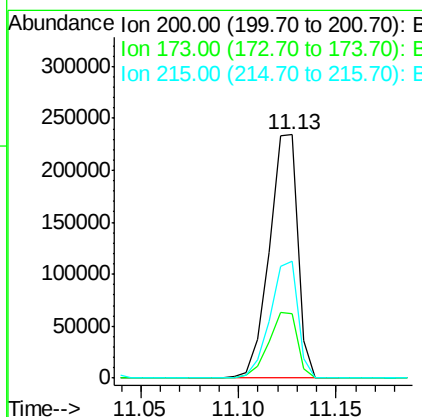
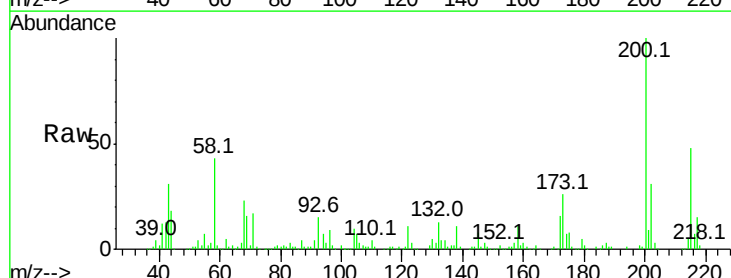
Manual Integrations
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#68
Atrazine
Concen: 40.672 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	236666		
173	26.4	8.6	48.6	
215	48.0	25.1	65.1	





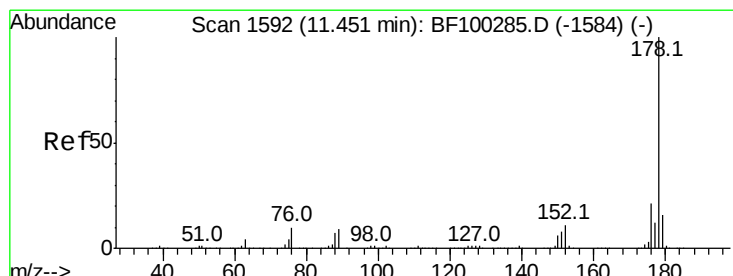
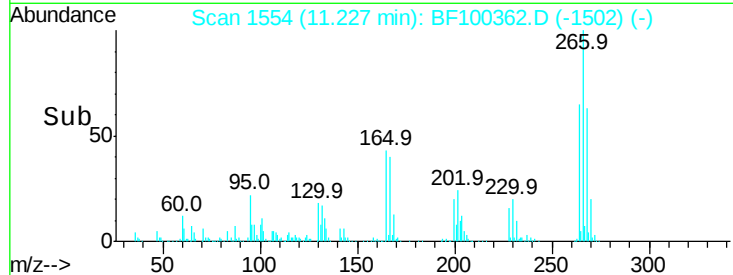
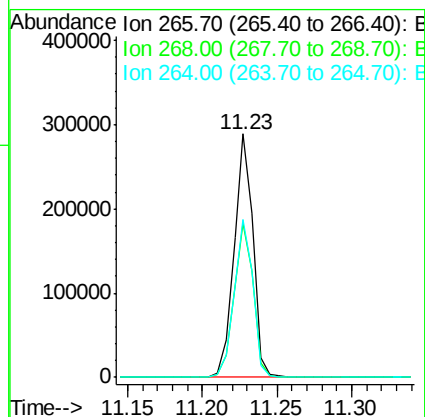
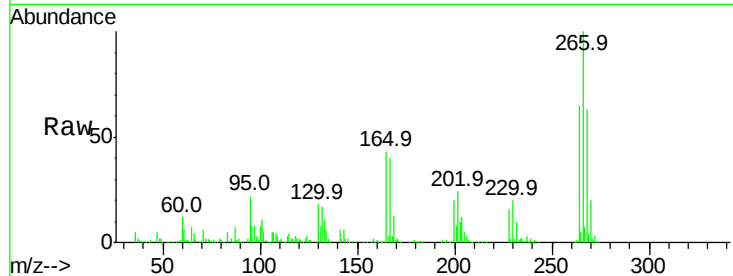
#69
 Pentachlorophenol
 Concen: 58.210 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampled :
 3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	258719		
268	63.3		51.1	76.7
264	64.6		49.5	74.3

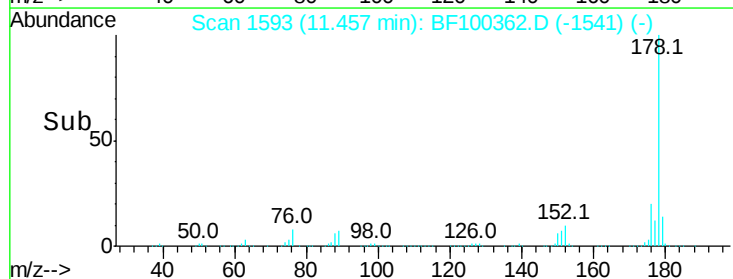
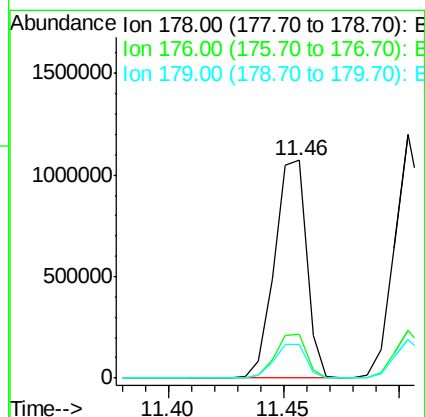
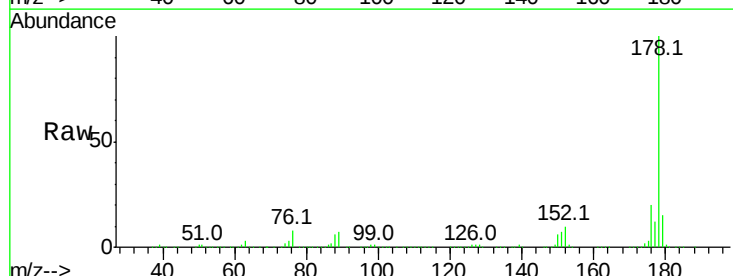
Manual Integrations
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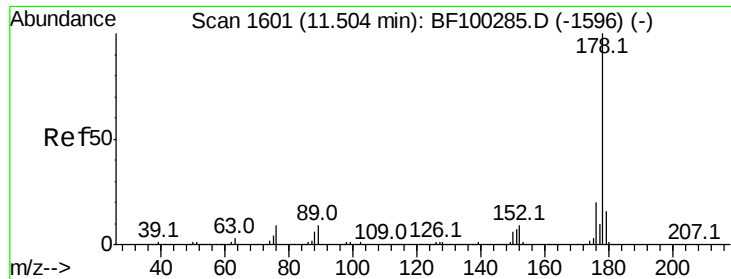
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#70
 Phenanthrene
 Concen: 35.467 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1032387		
176	20.0		15.8	23.8
179	15.5		13.0	19.6





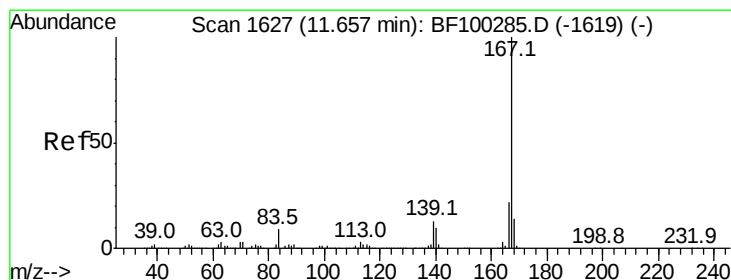
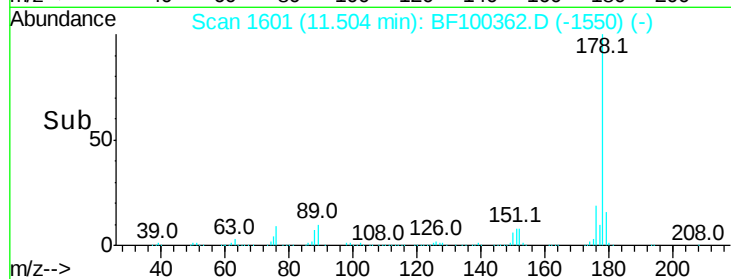
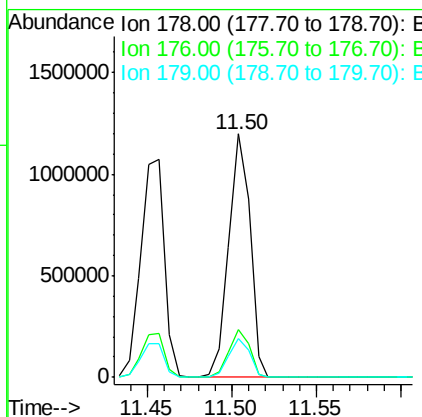
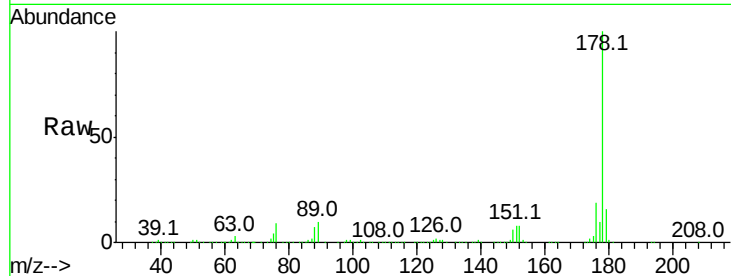
#71
 Anthracene
 Concen: 35.699 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3N-3MSD

Tot Ion:178 Resp: 1054256
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.6 19.0

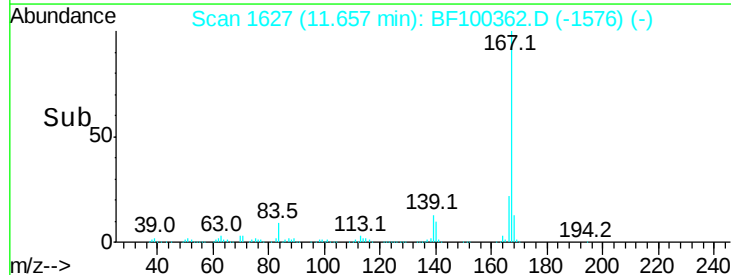
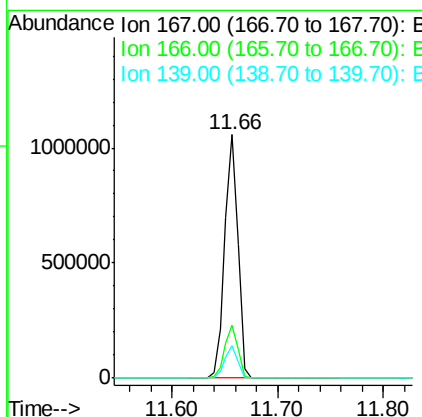
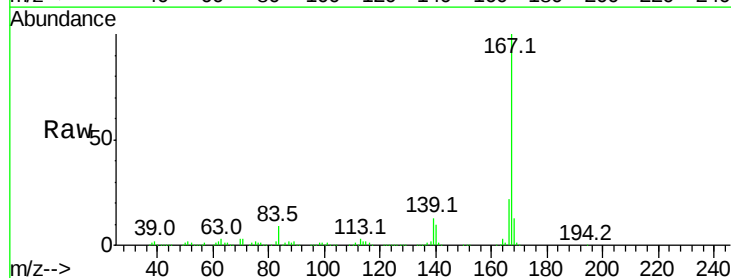
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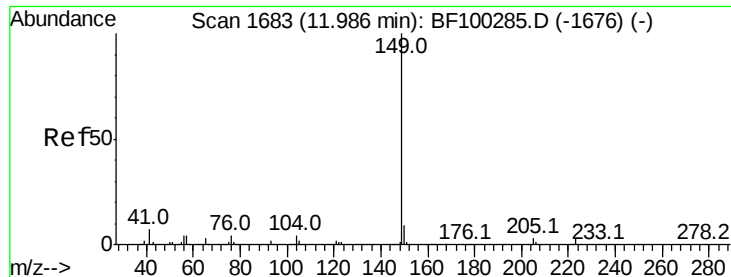
Sohil
 11/10/2017 1:15:29 PM



#72
 Carbazole
 Concen: 34.182 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion:167 Resp: 931420
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.427 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

3N-3MSD

Tot Ion:149 Resp: 1257259

Ion Ratio Lower Upper

149 100

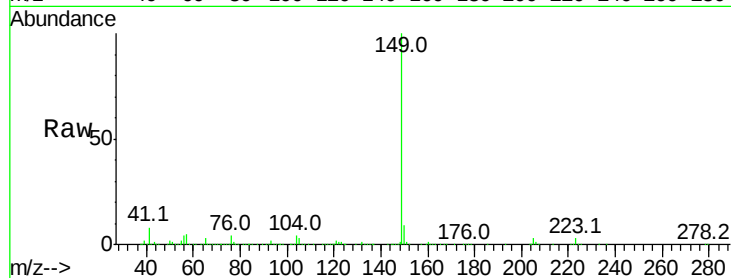
150 9.2 7.8 11.6

104 4.4 3.8 5.8

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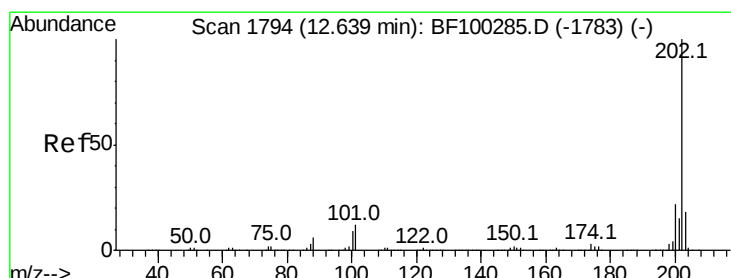
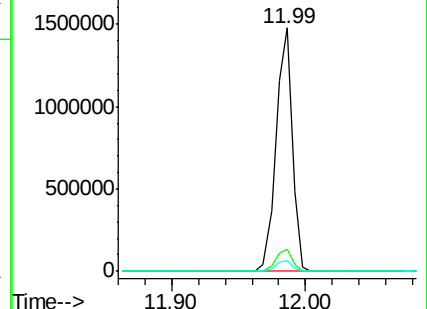
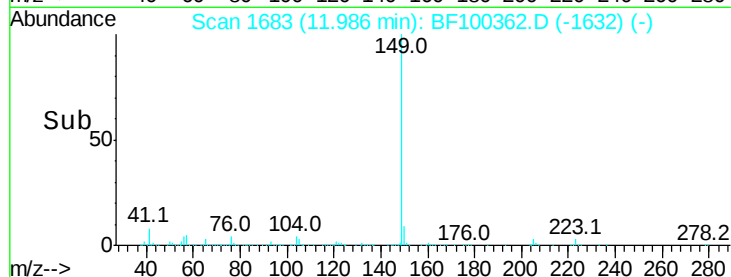
11/10/2017 1:15:29 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.886 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

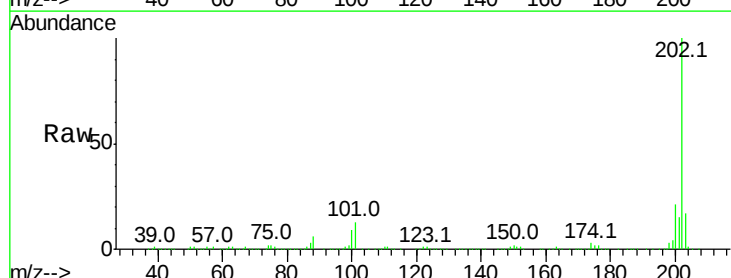
Tgt Ion:202 Resp: 921963

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

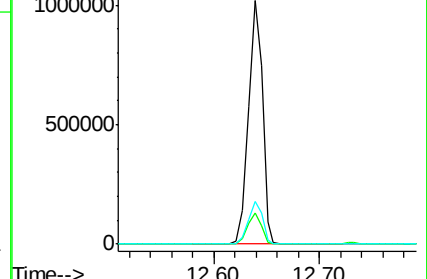
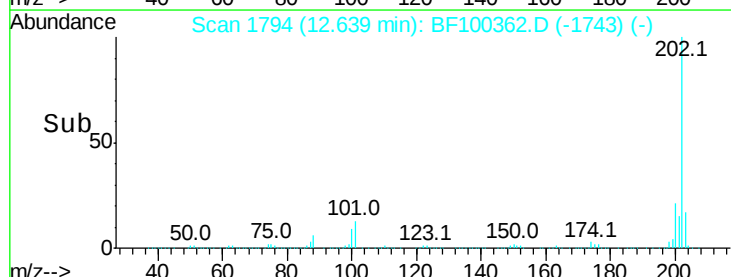
203 17.5 0.0 38.1

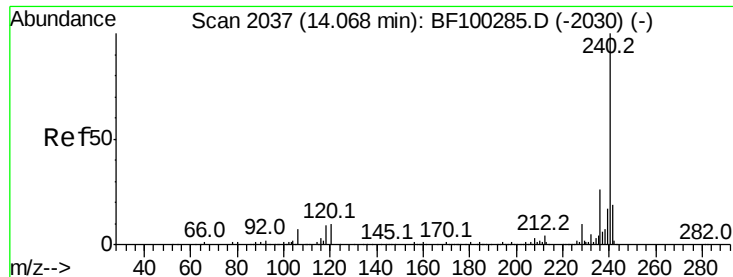


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

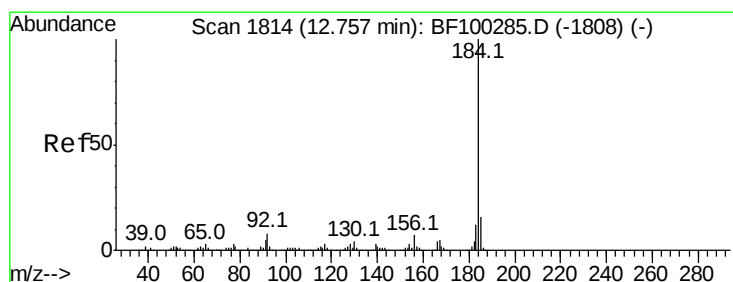
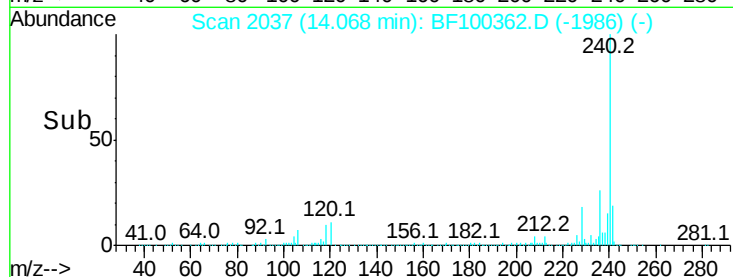
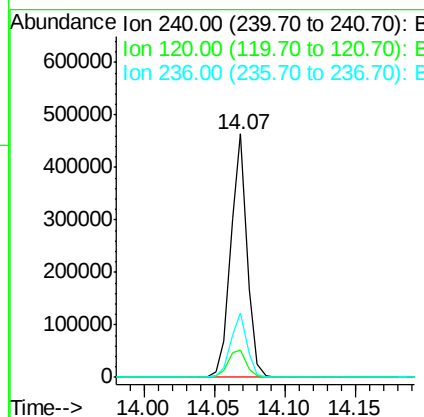
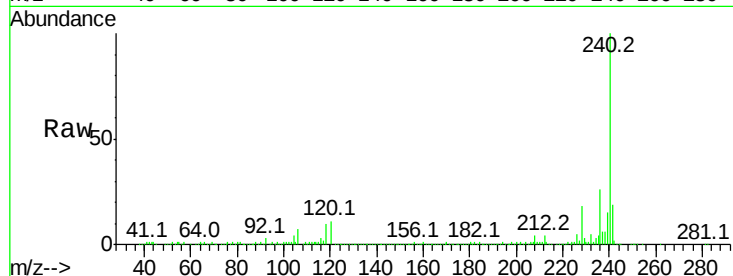
ClientSampleId :

3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	9.5	14.3	
236	26.4	20.7	31.1	

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#76

Benzidine

Concen: 33.298 ng

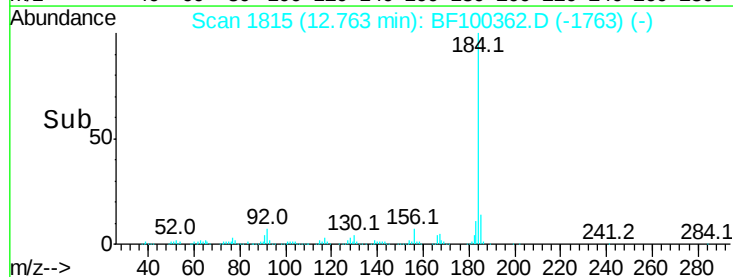
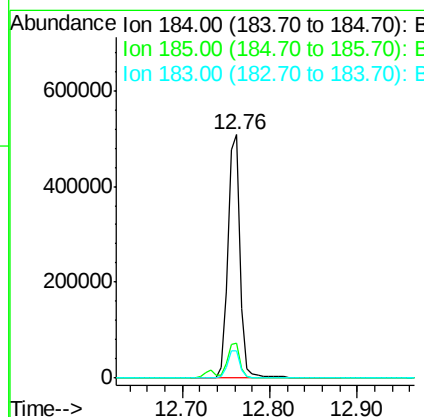
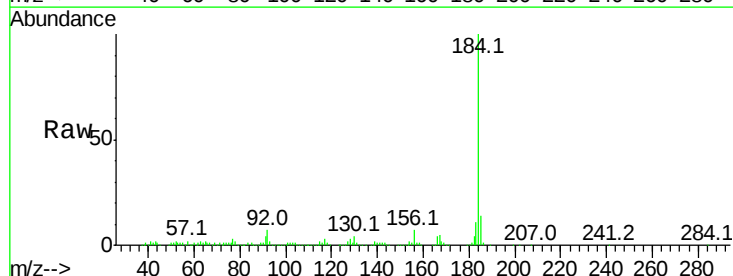
RT: 12.76 min Scan# 1815

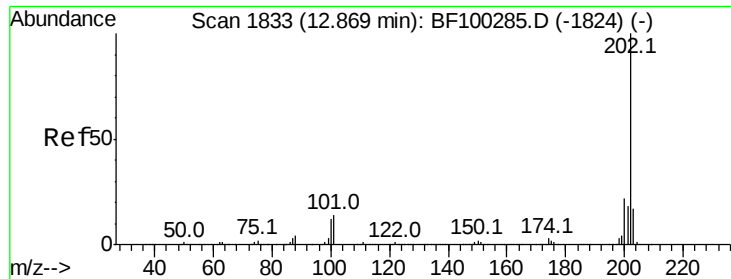
Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	12.6	18.8	
183	11.2	9.3	13.9	





#77

Pvrene

Concen: 34.913 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

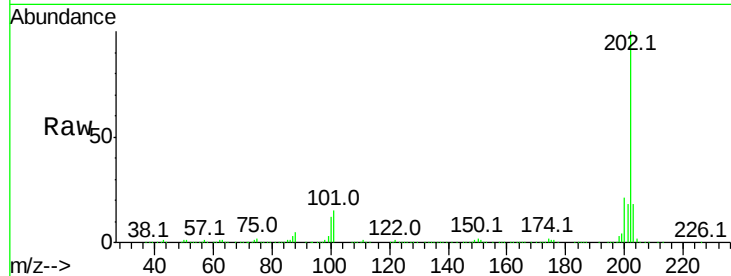
ClientSampleId :

3N-3MSD

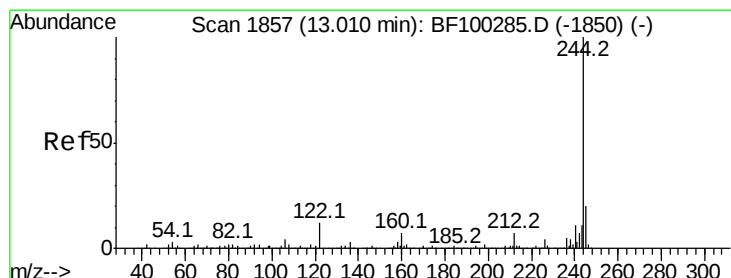
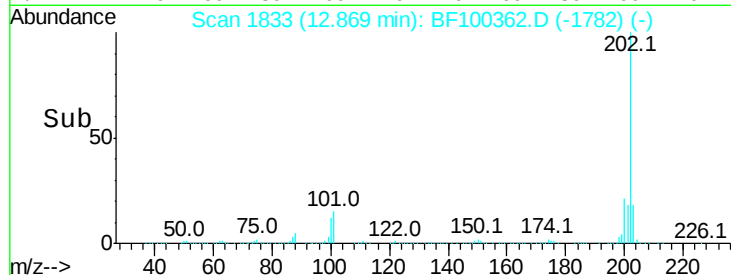
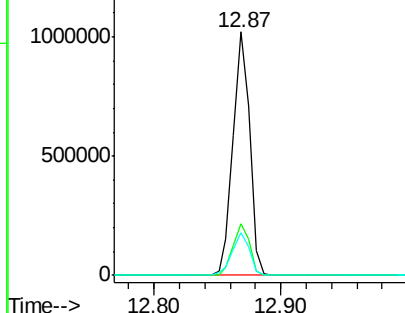
Tot Ion:	202	Resp:	922355
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.117 ng

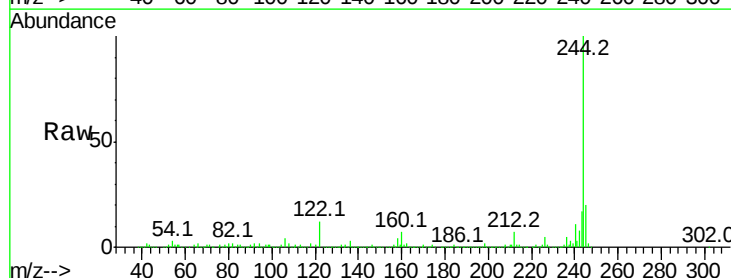
RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

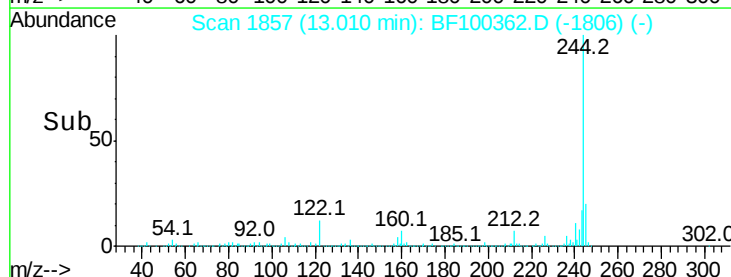
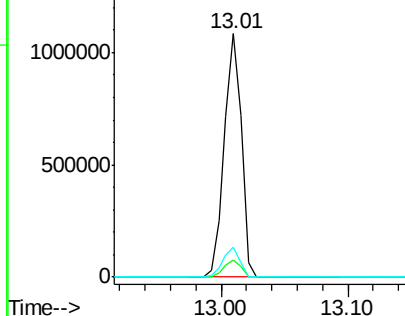
Lab File: BF100362.D

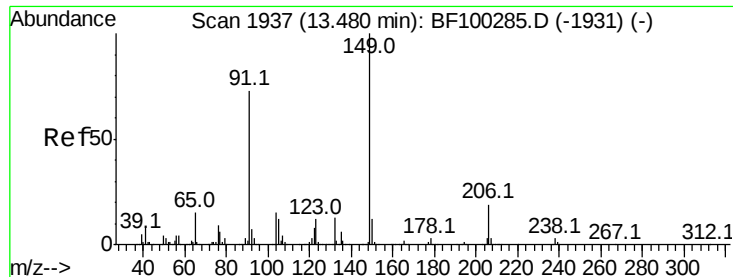
Acq: 10 Nov 2017 1:05

Tgt Ion:	244	Resp:	1018053
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.852 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

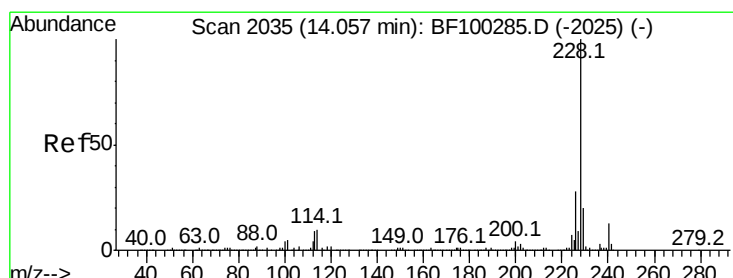
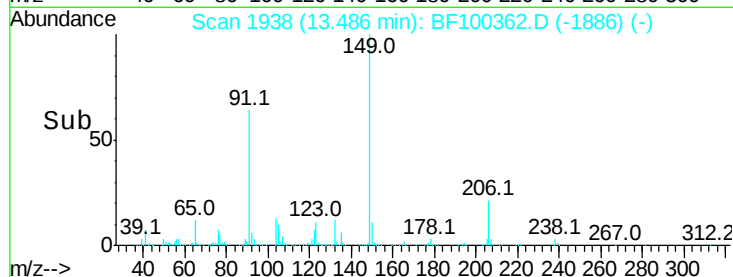
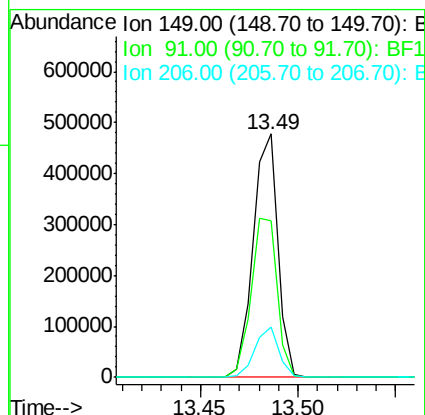
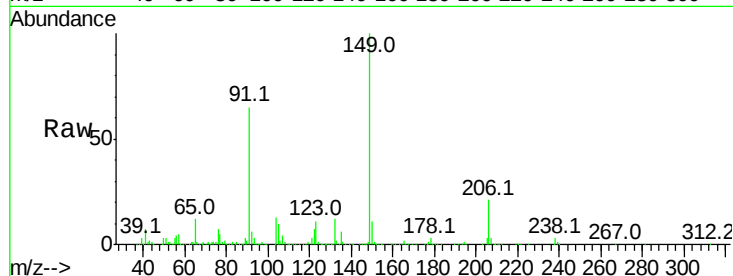
ClientSampled :

3N-3MSD

Tot Ion:	149	Resp:	418595
Ion Ratio	Lower	Upper	
149	100		
91	64.6	56.8	85.2
206	20.6	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 36.501 ng

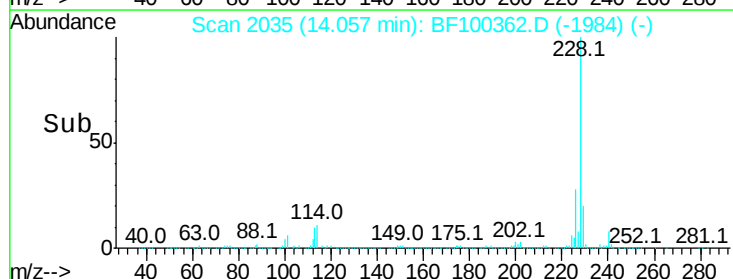
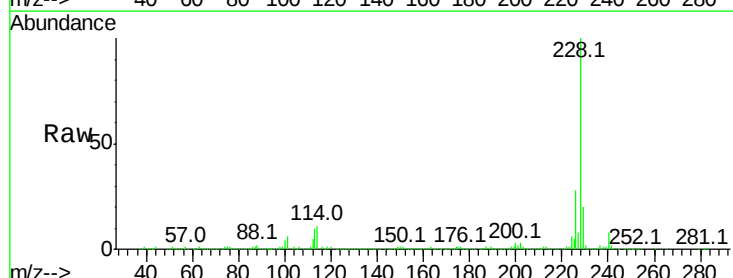
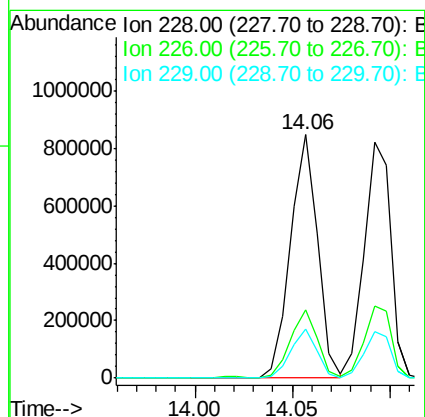
RT: 14.06 min Scan# 2035

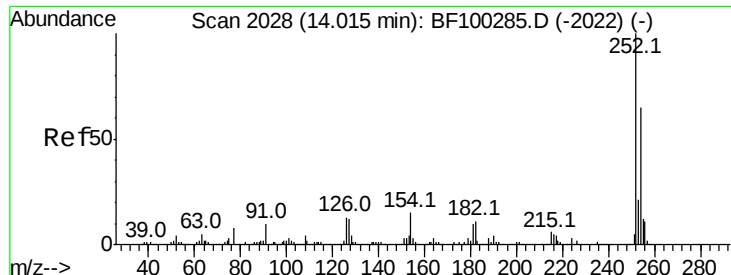
Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	228	Resp:	814631
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6





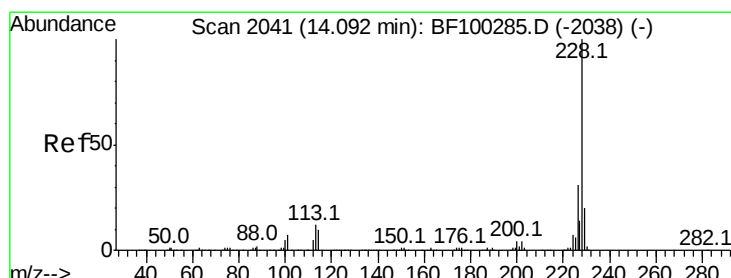
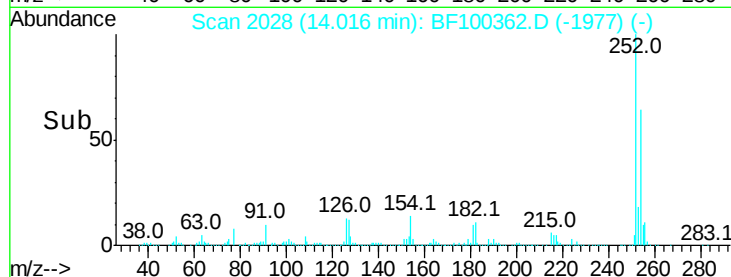
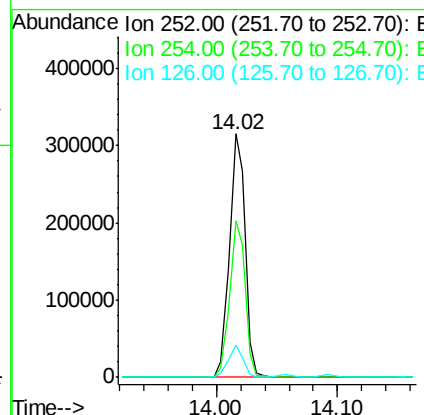
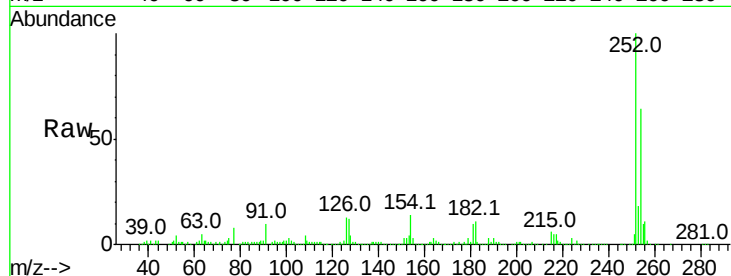
#81
 3,3'-Dichlorobenzidine
 Concen: 35.537 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	284168		
254	64.5	50.4	75.6	
126	13.4	11.3	16.9	

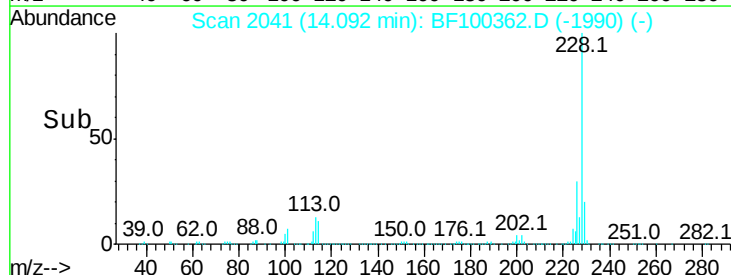
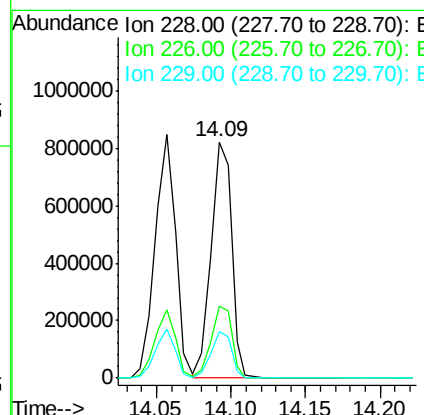
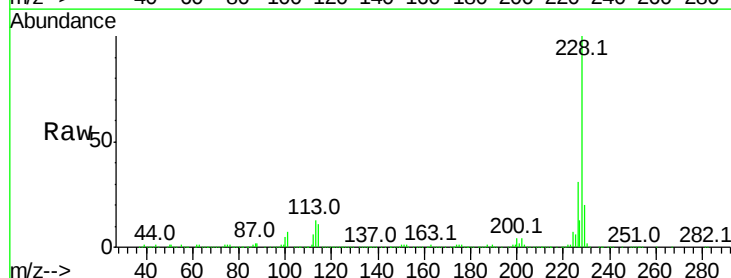
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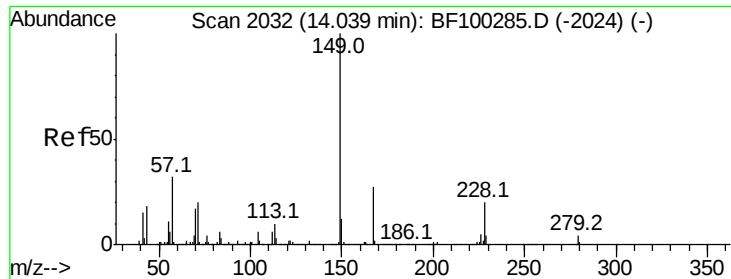
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#82
 Chrysene
 Concen: 36.045 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	779017		
226	30.5	25.0	37.6	
229	19.7	16.2	24.4	





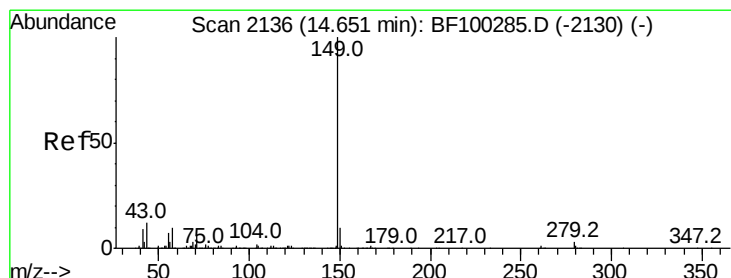
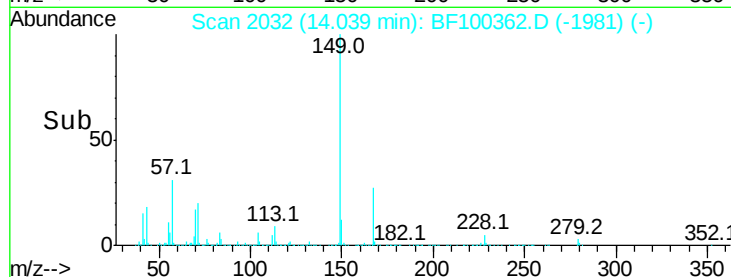
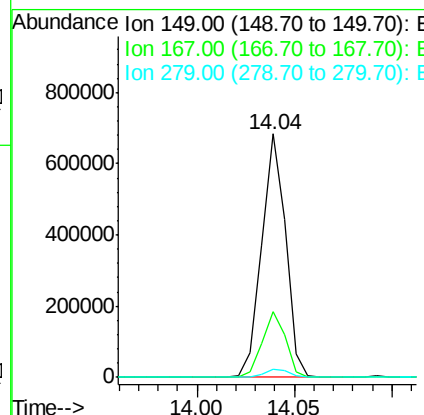
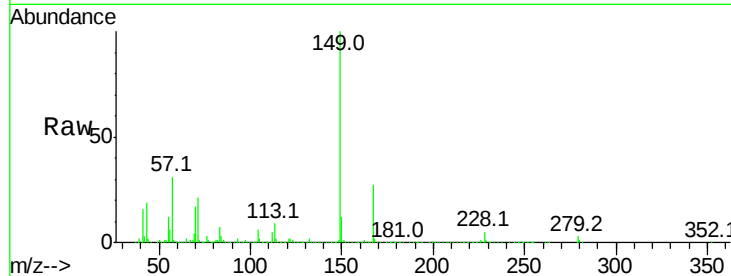
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.958 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampled :
 3N-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.0	21.3	31.9	
279	3.5	3.0	4.4	

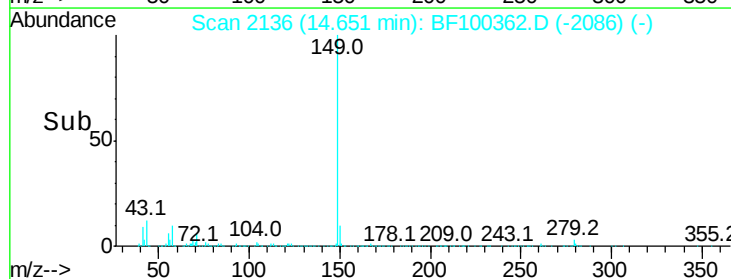
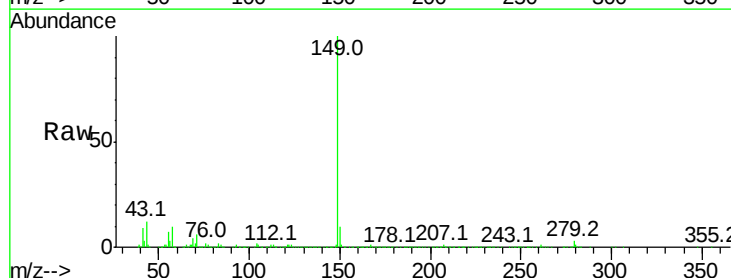
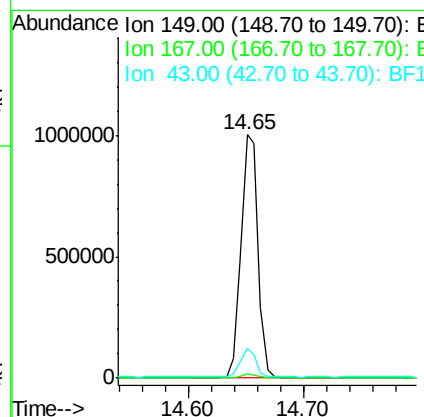
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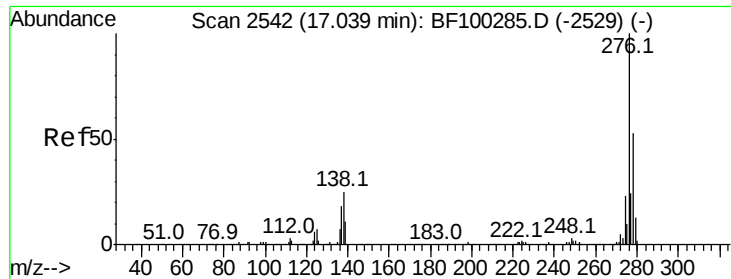
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#84
 Di-n-octyl phthalate
 Concen: 41.434 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BF100362.D
 Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.9	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.075 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

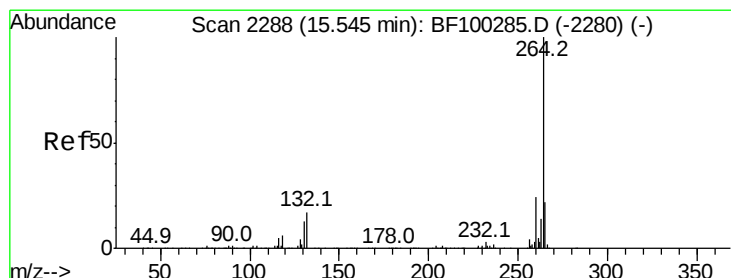
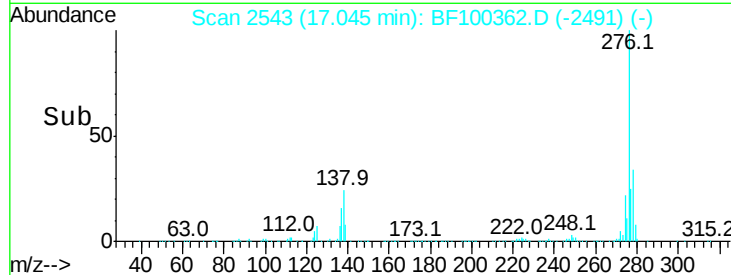
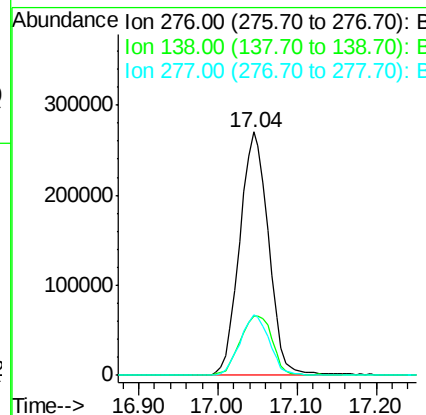
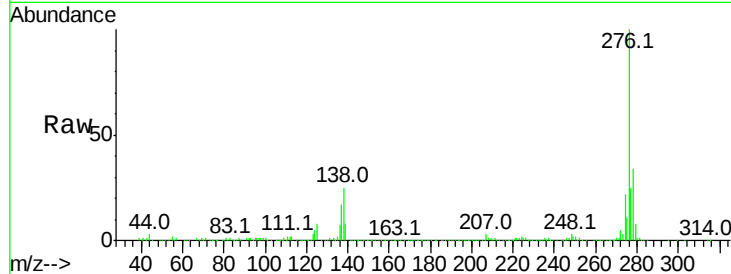
ClientSampleId :

3N-3MSD

Tot Ion:	276	Resp:	683071
Ion Ratio	Lower	Upper	
276	100		
138	27.7	25.0	37.6
277	25.0	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

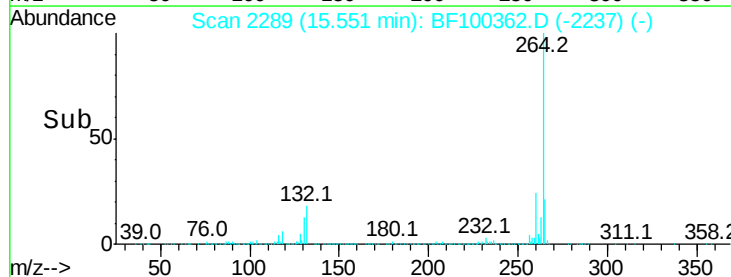
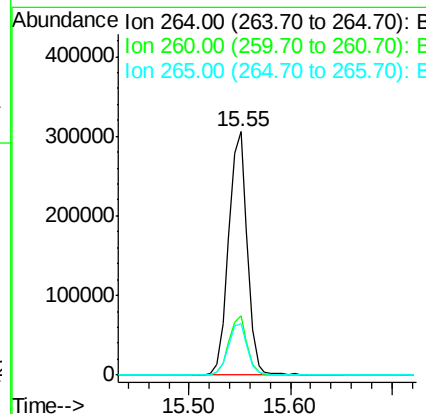
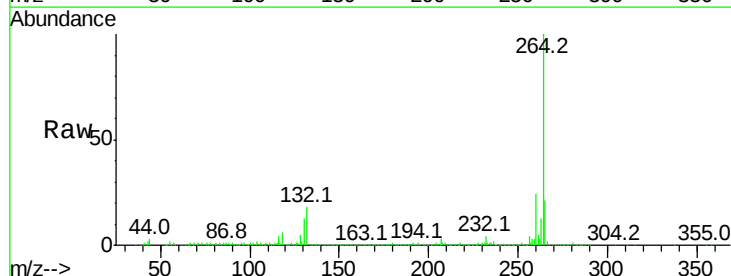
RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:	264	Resp:	390181
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3





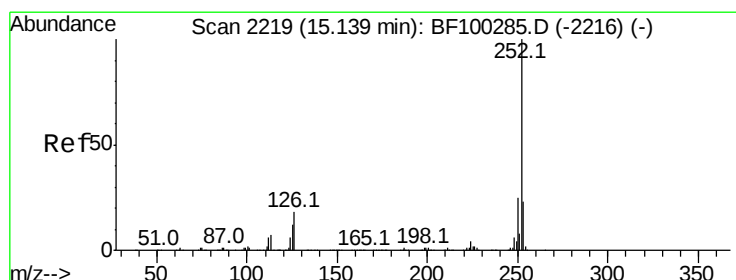
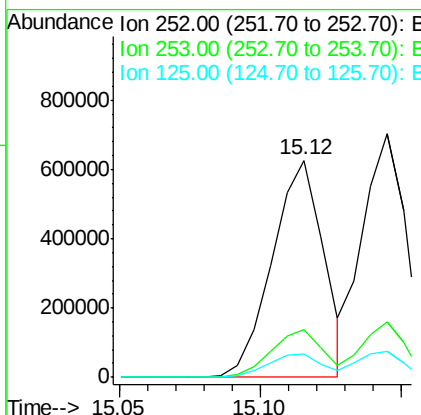
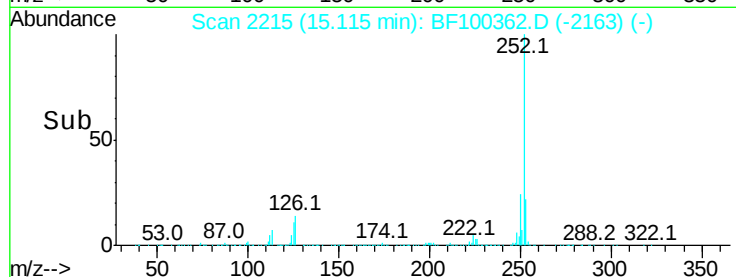
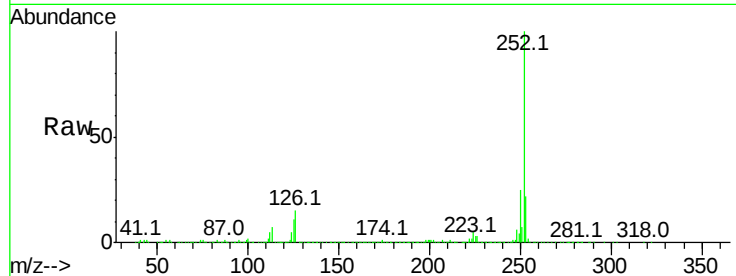
#87
Benzo(b)fluoranthene
Concen: 34.167 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.8	9.0	13.6

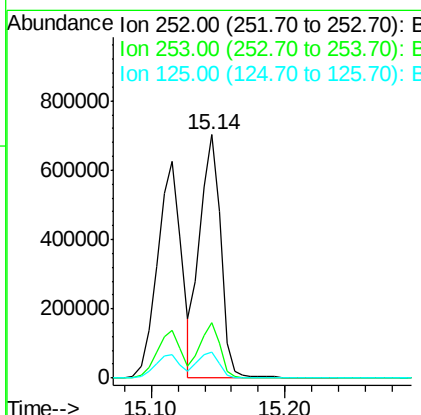
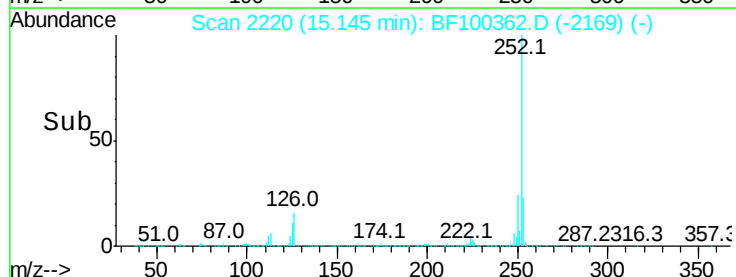
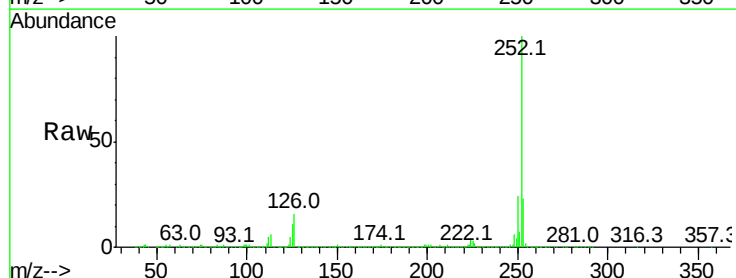
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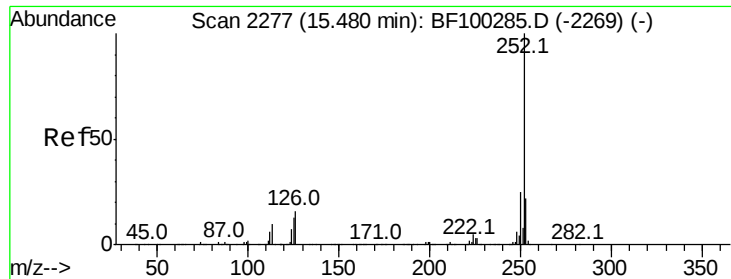
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#88
Benzo(k)fluoranthene
Concen: 34.855 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.8	10.2	15.2





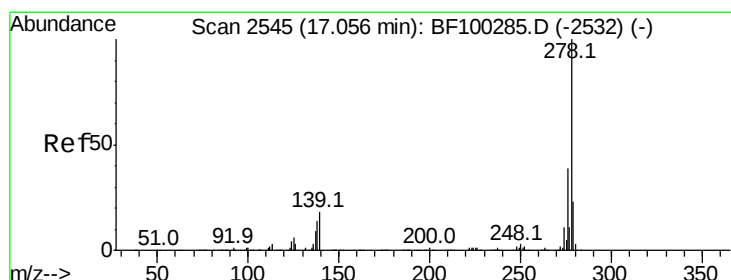
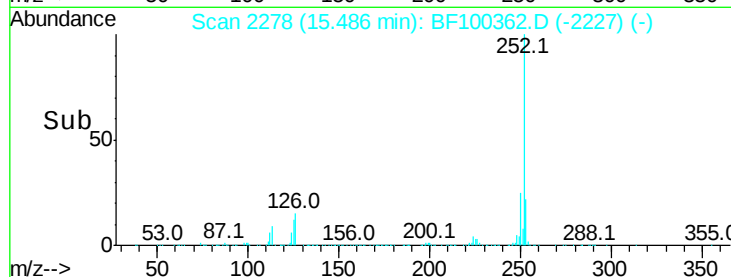
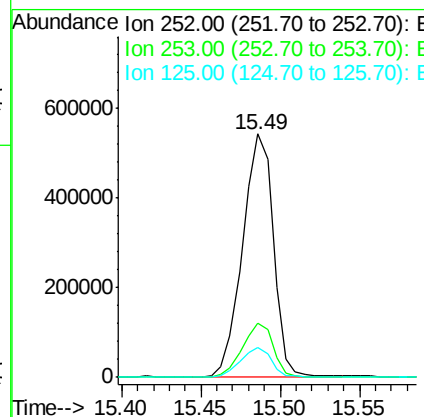
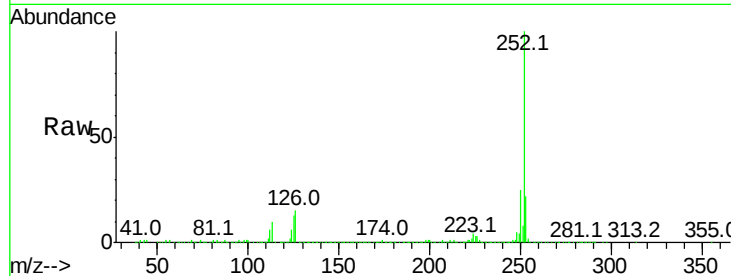
#89
Benzo(a)pyrene
Concen: 35.807 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
3N-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.5	9.8	14.6

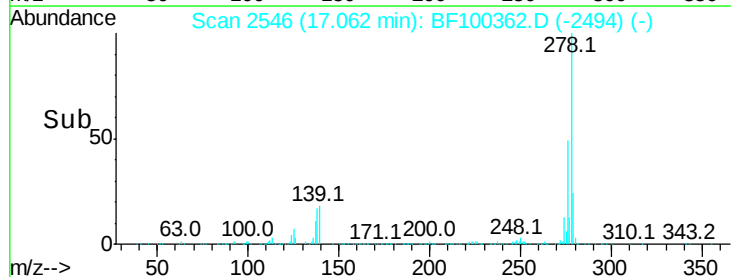
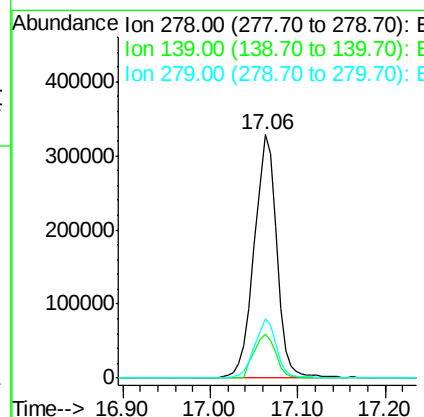
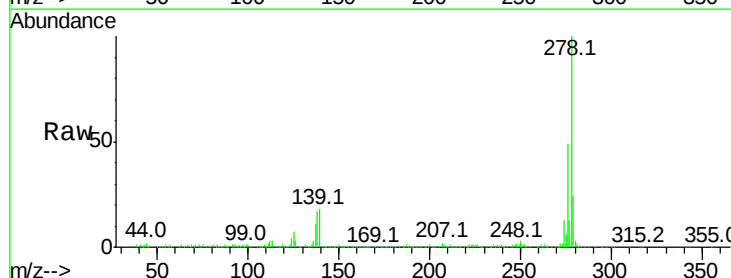
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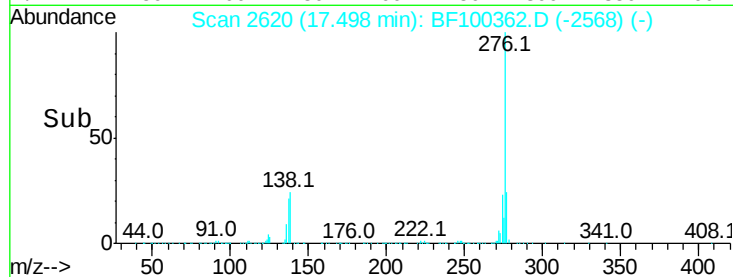
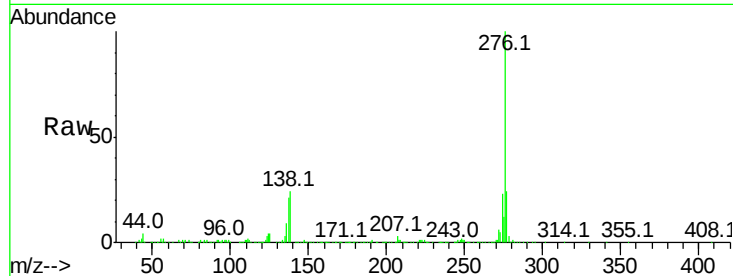
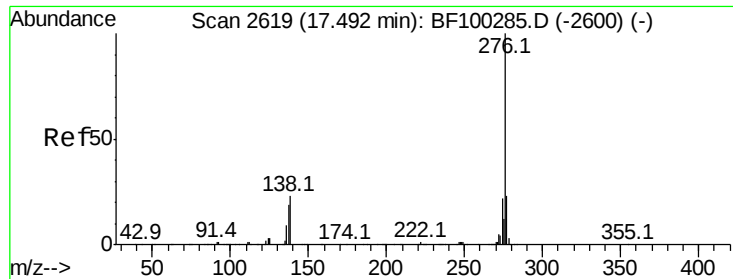
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#90
Dibenzo(a,h)anthracene
Concen: 34.391 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF100362.D
Acq: 10 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 32.237 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

3N-3MSD

Tot Ion: 276 Resp: 528882

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 24.5 21.8 32.8

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